

# *Inland Seas*



QUARTERLY BULLETIN OF THE  
GREAT LAKES HISTORICAL SOCIETY

Volume III

1947

Copyright 1949 by the GREAT LAKES HISTORICAL SOCIETY  
Sponsored by the Cleveland Public Library  
Cleveland, Ohio

---

INLAND SEAS is the bulletin of the Great Lakes Historical Society, an organization sponsored by the Cleveland Public Library. It is published quarterly, with the cooperation of library staff members, at 325 Superior Avenue, Cleveland 14, Ohio.

Entered as second-class matter October 1, 1946 at the post office at Cleveland, Ohio, under the Act of August 24, 1912, as amended by the Act of March 3, 1933.

### *The Editorial Board*

FRED LANDON  
Vice President of the University  
of Western Ontario,  
London, Ontario.

GORDON W. THAYER  
Assistant to the Director and Curator of  
the John G. White Collection,  
Cleveland Public Library.

DONNA L. ROOT, *Managing Editor*  
Head of the Division of History, Biography  
and Travel, Cleveland Public Library,  
Cleveland, Ohio.

### *Advisors*

C. HOWARD ALLEN, JR.  
University Editor, Western Reserve University

ELLEINE H. STONES  
Chief of the Burton Historical Collection,  
The Public Library,  
Detroit, Michigan.

MARIE E. GILCHRIST  
Associate Editor, *The Reader's Digest*,  
Cleveland, Ohio.

JOHN W. LOVE  
Business Columnist, *Cleveland Press*.

I. S. METCALF  
Francis R. Morison, Advertising,  
Cleveland, Ohio.

WALTER MUIR WHITEHILL  
Editor of *The American Neptune*,  
Librarian of The Boston Athenaeum,  
Boston, Massachusetts.

LYON N. RICHARDSON  
Professor of English and Director of the  
University Libraries, Western Reserve  
University, Cleveland, Ohio.

The subscription rate to INLAND SEAS is \$5.00 annually and includes membership in the Great Lakes Historical Society. Articles and pictures relating to the history, description, natural resources, industries or transportation of the Great Lakes will be welcomed for publication. No responsibility for statements made by the authors will be assumed. Material should be addressed to the Managing Editor.

Printed in U. S. A.  
The Gates Legal Publishing Company  
Cleveland

# INDEX TO VOLUME III

Compiled by Gertrude M. Robertson

References show the page where the item occurs. Compound names of ships are indexed by the *first* initial or word. A list of ship names arranged alphabetically by their *last* names follows the index.

- A. A. Augustus*, freighter: through Soo, 186.  
*A. Stewart*, schooner barge: data concerning, 226.  
*A. C. Van Raalte*, steamer: Capt. Higginfeller, 135; renamed, 136.  
*A. H. Ferbert*: aided by radar, 44.  
*A. J. Rogers*, schooner: 158; grounded, 22; rescued, 23; cargo, 23.  
*A. P. Edwards*, sloop: Vroman on, 176.  
*A. Weston*, steamer: data concerning, 226.  
*Acadia*, steamer: part of McKay fleet, 48.  
*Adams*, brig: under Capt. John Williams, 71; under command of Lt. Brevoort, 71; up for sale, 72; needed repairs, 73; cargo carried on, 73; only U. S. war vessel on upper lakes, 73; laid up for repairs, 73-74; seized by British, 74; renamed, 74; ghost of, 76.  
*Adams, John Quincy*: proclaims sale of River Rouge yard, 75; favors internal improvements, 218.  
*Adams, Philo*: cook on *City of Rochester*, 37; wages, 37.  
 Agriculture: on Put-in-Bay island, 177.  
*Alabama*, steamer: on way to Cleveland, 82; entering Cleveland, 183.  
*Alaska*, steamer: scrapped, 256; brief account of, 256.  
*Albany Journal*: favors waterway improvements, 220.  
*Alexander Holley*, propeller: built for Rockefeller, 134; later owner, 134.  
*Alexander McDougall*, propeller: sold to Rockefeller, 135; peculiar design, 135; traded, 136; scrapped, 136.  
*Alfred J.*, propeller: owner, 134.  
*Alfred Krupp*, propeller: built for Rockefeller, 134; later owner, 134.  
*Algoma Central Steamship Line*: purchases *Leaffield*, 143.  
*Algoma Steel Corporation*: coal for, 186.  
*Alida Jane Rogers*, schooner: contract for, awarded, 66; size, 66; named, 66; sold, 66; repairs on, 66; cost, 66; lost, 66.  
*Alleghany*, steamer: of T. B. L., 226.  
*Allen, Frank*: becomes chief wireless operator and light-keeper, 248.  
*Allen, George W.*: vessel owner, 38.  
*Allen, Howard*: editorial adviser of *INLAND SEAS*, 189.  
*Aloha*, schooner barge: data concerning, 226.  
*Alvina*, scow-schooner: data concerning, 225.  
*Amaranth*, tender: sold, 44; serves light-houses, 44; no longer in service, 169; when built, 171; W. J. Taylor mate on, 171.  
 Amateur Athletic Union: I. L. Y. A. member of, 245.  
*America*, tug: overturned, 81, 82; called, 180.  
*American Catholic Hist. Soc. Records*: article in, listed, 121.  
*American Mercury*: article in, cited, 266.  
*American Neptune*: cited, 196.  
*American Steel Barge Co.*: sells fleet to Rockefeller, 135; boats belonging to, 135.  
 Anchor fleet: McKay fleet resembles, 48; owns *Alaska*, 256.  
*Ann Arbor I*, propeller: commanded by Capt. G. L. Thompson, 60; makes first rail ferry crossing, 60.  
*Ann Arbor II*, propeller: commanded by Capt. G. L. Thompson, 60.  
*Ann Arbor Railroad*: 63, 121.  
*Anna*, schooner: data concerning, 225.  
*Annabel Wilson*, schooner barge: data concerning, 226.  
*Annual Regatta at Put-in-Bay*, by Thomas H. Langlois, 244-247.  
 Appleby, Capt. —: in command of *Constitution*, 261; realizes danger, 261; confers with engineer, 261; takes hazardous chance, 261-262; saves boat, 262.  
 Archibald, W. W.: on *Pere Marquette* 3, 63.  
*Arctic*, tug: accompanies *Michigan*, 99; *Michigan* crew saved by, 99.  
*Argo*: where and for whom built, 192; size, 192; disaster, 192; repaired and name changed, 192-193; in World War I, 193; illustration, 94.  
*Argo*, steam ferry: first built in Detroit, 101; size, 101; described, 101, 102; newspaper quoted regarding, 102-103; improvements on, 103; schedule, 103; speed, 103; aground, 103; competitors, 104; converted into ferry, 104; advertisement regarding, 104; run, 104; leased, 105; replaced, 105; last listing, 105; illus., 238.  
*Ariel*, schooner: fate, 122.  
*Arizona*: see *City of Racine*.  
*Armstrong*, freighter: H. C. Inches, capt. of, 79.  
*Arrow*, steamer: route, 176.  
*Arthur Orr*, freighter: scrapped, 256.  
 Askin, John: 4; orders boat built, 6.  
*Askin Papers*: cited, 6.  
*Aspen*, tender: sole survivor, 169; described, 169; replaces earlier tender, 171; W. J. Taylor in command, 171; length of service on, 171; illus., 167.  
*Atikokan* (formerly *John B. Treavor*): 136.  
 Atkin, William: book by, reviewed, 199.  
*Atlanta*, propeller: ownership of, 49; size, 49; where built, 49; fire breaks out, 49; *Tessler* to the rescue, 49; illus., 31.



- Atlantis*, steamer: data concerning, 225.  
 Atomic bomb: explosion heard, 182.  
*Aurora Borealis*, schooner: Hosea Rogers captain of, 33.  
*Australia and the Success*, by Herbert H. Hewitt: 106-112.
- Baby, Jacques: 3, 5; places named for, 3.  
 Baby, Raymond S.: reports findings on bones, 217.  
*Badger* (formerly *Barge 110*): 136.  
 Bagnall, Benjamin: signs letter for Hosea Rogers, 36; death, 36, *footnote*.  
 Bailey, A. & D. E.: awarded contract, 66; build *George G. Cooper*, 67.  
 Baker, Charles B.: member of exploring party, 211; youngest, 214; finds piece of *Griffin*, 216; portrait, 239.  
 Baker, Wallace J., Sr.: article by, 211-217; heads exploring party, 211; occupation, 266; portrait, 239.  
 Bald, F. Clever: article by, 3-7, 71-76; occupation, 51.  
 Ballast Island Club: active, 245; men using facilities of, 245.  
 Baltimore & Ohio R.R.: owns new coal dumper, 258.  
 Banks: lack of, in mining regions, 193.  
 Barges: 105, 107, 109, 110, 111, 116, 117, 118, 126, 127, 129, 130, 131, 132, 133, 134, 137, 201, 202: sold to Rockefeller, 135; barges renamed, 136.  
 Barker, Com. K. C.: competes in regatta, 245; drowned, 245.  
 Barnes, Julius H.: announces purchase of Riverside Shipyard, 45; gives route, 115; speaks at annual meeting, 262.  
 Barnes-Duluth Co.: purchases shipyard, 45; revives package freight trade, 45.  
 Barry, Capt. Miles: sells *Charles H. Hackley*, 49.  
 Bass Islands: mortgaged, 173.  
*Batavia* (formerly barge 126): 136.  
 Bates, Frederick: work of relief, 72.  
*Bath* (formerly *Sir Joseph Whitworth*): scrapped, 134.  
*Bath City*, steamer: 229.  
*Batiscan* (formerly *United States*): 121.  
 Batten, Capt. Arthur: returns for final run of *Caribou*, 118-119; superstitions of, 119.  
 Baus, Louis: article by, 47-48; supplies illus., 31, 90, 94, 233; correction by, 192-193.  
*Bay City* (formerly *Colgate Hoyt*), propeller: 136.  
 Bay City Shipyard: schooners built in, 134.  
*Bay Port* (formerly *E. B. Bartlett*): 136.  
*Bay State* (formerly *J. L. Colby*): 136.  
*Bay View* (formerly *A. D. Thompson*), propeller: 136.  
 Beals, William: attempts to propel boat by means of sky rockets, 255.  
 Beasley, Norman: book by, reviewed, 199-200.  
 Beausoleil Island: *Leafield* beached on, 143; *Leafield* steers for, 143.
- Beaver*, tug: owner of, 13.  
 Beck, C., Company, Ltd.: runs sawmill, 12; loses raft of logs, 13; steamers owned by, 13; builds *Wahnapiatae*, 14; sells, 15.  
 Beer: on *Pere Marquette 16*, 59; barrel of, offered as reward, 229.  
*Behind the Waterfront*, by Bertram B. Lewis: 191-192.  
 Bell, William: accompanies Edwards to Lake Erie Islands, 174.  
 Beloit College: planned, 123; chartered, 123.  
*Ben E. Tate*: F. L. Meno captain of, 121.  
 Bendall, J. E.: joint owner of *Success*, 111.  
*Benjamin Harrison*, schooner barge: data concerning, 226.  
*Benjamin F. Fairless*: carries world's record cargo of iron ore, 257.  
*Bennington*, steamer: illustration, 95.  
*Benson Ford*, motorship: photographs of given to G. L. H. S., 51.  
 Benton, Elbert J.: suggests research work, 46.  
*Berkshire* (formerly *John Scott Russell*), barge: scrapped, 134.  
 Bessemer Steamship Co.: see Rockefeller Fleet.  
*Bessie*, steamer: data concerning, 225.  
 Beswick, Jay W.: Book review by, 55, 126-127; occupation, 51, 122.  
*Betsy*, schooner: data concerning, 225.  
 Bibby, Richard D.: on *Picture Com.*, 119, 190; short article by, 52; supplies illus., 25.  
 Biddle, John: suggests sale of River Rouge yard, 75; presents report at convention, 222.  
*Big Tugs and Big Rafts*, by W. R. Williams: 11-16.  
*Binghampton* (formerly *H. J. Jewett*), propeller: 169.  
 Binne, Kenneth: letter regarding *Success* quoted, 106.  
 Blackman, George: captain of *Canisteo*, 23; goes for aid, 23-24.  
*Blanche H.* (formerly *Sir Isaac Lothian Bell*), barge: present owner, 134.  
 Bloom, Jacob: mate on *E. C. Williams*, 36; on *City of Rochester*, 37; wages, 37.  
*Bombay* (formerly *Barge 116*): 136.  
*Boston* (formerly *Barge 118*): 136.  
*Boston Courier*: favors waterway improvements, 220.  
 Boundaries: water established, 256; international line on Great Lakes, 203.  
 Bowen, Dana Thomas: book by, reviewed, 124.  
*Boy at Thunder Bay*, by Wade Van Dore: 76.  
 Bradley, Alva: elected president of G.L.H.S., 190; reports on family interests in Great Lakes, 190.  
 Bradley, Morris A.: organizes Lake Carriers Association, 190; first president of, 190; leaves boat business, 190.  
 Brebeuf Island: sighted, 143; *Leafield* attempts to skirt, 143.

- Breithaupt Leather Co.: owns *Geraldine*, 13, 16; tannery, 16.
- Brennanstahl, Mrs. Arthur H.: on *Pere Marquette* 3, 62; rescued, 64.
- Brevoort, Lt. Henry B.: placed in command of U. S. ships, 71; experience, 71.
- Bridgewater*, schooner: grounded, 22; part of cargo saved, 22; crew, 22.
- Briannia* (formerly *Barge 107*): 136.
- Brock, Gen. Isaac: receives report on *Adams*, 73-74; aided by John Thompson, 153.
- Brooks, John: builds distillery, 146; sells, 146.
- Brotherton, R. A.: article by, 193-195; article by, cited, 50; occupation, 200.
- Brown, Samuel R.: quoted, 84; *Views* cited, 84, *footnote*; notes pigs on Lake Erie islands, 87.
- Brown, William: quoted, 88; work cited, 88, *footnote*.
- Browne, Wade C.: supplies illus., 25.
- Buckeye Country*, by Harlan Hatcher: reviewed, 198.
- Buckeye Steamship Co.: propellers owned by, 134; owns *John Smeaton*, 135; trades to War Shipping Administration, 135.
- Buffalo, N. Y.: poor harbor in 40's, 138; commerce hindered by lack of lighthouse, 206; also *passim*.
- Buffalo Advertiser & Journal*: quoted, 254-255.
- Buffalo Commercial Advertiser*: cited, 254.
- Buffalo Daily Journal*: item from, 113.
- Buffalo Historical Society *Publications*: article in, cited, 122.
- Buffalo Journal*, quoted, 254.
- Buker, Lucy M.: book review by, 127-128; occupation, 122.
- Burger, H. and G.: boats built by, 49.
- Burke, Capt. E. F.: recounts disaster, 144.
- Burning of the Atlanta*, by Edward J. Dowling: 49-50.
- Burt, William: discovers iron ore at Ne-gaunee, 193.
- Burtis, Capt. John: *Argo* built for, 101; wished success, 102; advertises, 103; warns Senator Palmer not to overturn *Argo*, 103; master of *General Brady*, 104; document concerning, 105.
- Business Week*: article in, cited, 196.
- Byron *Whitaker*, steamer: data concerning, 226.
- C. H. S.*, steamer: able to leave harbor, 260.
- C. A. King*, schooner: 16.
- C. R. Van Hise*: of Rockefeller fleet, 135; in World War I, 135; remodelled, 135; re-named, 135.
- Cache Lake Country*, by J. J. Rowlands: re-viewed, 268-269.
- Cadillac*, steamer: has first urban mobile radio, 256.
- Caledonia*, brig: built for North West Co., 74; in British navy, 74; Lt. Elliott captures, 74; in Perry's fleet, 75.
- Camden*, snow: of British Navy, 71.
- Campbell, J. M.: captain of *Joliet*, 186; greeted and rewarded, 186.
- Canada Steamship Lines: owns *Toronto*, 256.
- Canadian Geographical Journal*: article in, cited, 50, 196.
- Canadian Historical Review*: article in, listed, 121.
- Canadian National R. R.: supplies illus., 162.
- Canals: early plan for in Michigan, 148; no tolls on, connecting Great Lakes, 204; see also under individual names.
- Canisteo*, 1862, propeller: collides with schooner, 23; cargo, 23; lost, 24.
- Canisteo*, 1886, propeller: data concerning, 226; final use, 227.
- Canoes, Ballast Island sail: developed, 245; sail, popularized, 245.
- Captain C. D. Secord* (formerly *C. R. Van Hise*): 135.
- Captain John: see Musham, H. A.
- Captain John Clarke*, by B. L. Jenks: 264-265.
- Captain John Roen* (formerly *George M. Humphrey*): 82.
- Captain Secord*, freighter: described, 181.
- Captain William J. Taylor, Gentleman*, by Edward J. Dowling: 169-172.
- Captives, Indian: 86, 87.
- Car-ferries: on Lake Erie, 63; under com-mand of Capt. Dority, 63.
- Cargo: automobiles, 79; coal, 77, 257; record, of coal, 187, 257; grain, 257; world's record of iron ore, 257; lumber, 208; carried by T. B. L., 226; aboard *Adams*, 7, 73; *At-water*, 155; *Benjamin F. Fairless*, 257; *Bridgewater*, 22; *E. C. Williams*, 36; *Edge-water*, 187; *Emperor*, 188; *George G. Cooper*, 67; *Groton*, 22; *H. S. Fairchild*, 40; *Henry Clay*, 102; *Joliet*, 186; *Joseph H. Frantz*, 257; *La Salle*, 79; *Leafield*, 143, 144; *Lily*, 146; *Mataafa*, 43; *Milverton*, 258; *Oncida*, 98; *Pere Marquette* 3, 62; *Pere Marquette 16*, 59; *Sagamore*, 257; *St. Magnus*, 47; *Thomas Parsons*, 157-158; *Wisconsin*, 99; *Translake*, 258; on *Queen City*, lost, 22; on waters near *Detroit*, 147; transferred from *Samuel Ward*, 139; in 1946, 115; comparison of 1946 with 1945, 115.
- Caribou*, propeller: last run, 118; main serv-ice, 118; brief account, 119; size, 119; illus-tration, 89.
- Caribou Retires*, by William A. McDonald: 118-119.
- Caroline*, 1813, schooner (formerly *Porc-wine*): fate, 122.
- Caroline*, 1822, steamer: in northern waters, 254; supposed course, 254.
- Caroline*, 1824, steamer: Hosea Rogers' first job on, 33.
- Caroline*, 1868, steamer (formerly *Charles H. Hackley*): commanded by Capt. McCauley, 50.
- Carthage Landing: illustration, 91.



- Cartier, Warren A.: on *Pere Marquette* 3, 63; mayor of Ludington, 63.
- Carver, Jonathan: quoted, 83-84; *Travels* cited, 84, *footnote*.
- Casa Cox: located, 210, *footnote*.
- Casa Cox*, poem by C. A. Powell, 210.
- Cass, Lewis: orders lands near Detroit surveyed, 146; unable to attend convention, 222; condemned by Greeley, 223; disapproves of harbor improvements, 142.
- Cassie* (formerly *Barge 201*): 136.
- Casualties: due to collisions, 187; due to strandings, 188; on *Clifton*, 136; *Emperor*, 188; *George J. Whitney*, 157; *Grace Dornier*, 21; *Hibou*, 118; *Leafield*, 144; *Maatafa*, 43; *Marine City*, 120; *Merchant*, 141; *Milverton*, 258; *St. Magnus*, 48; *Steel Vendor*, 52; *Western Reserve*, 259; *W. H. Gilcher*, 259.
- Chamberlain*, steamship: owned by C. Beck Co., 13.
- Champion*, steamer: Dr. Moore on, 125; Greeley sails on, 142.
- Champion*, tug: Bill Crosby commands, 260.
- Champlain Canal: 138.
- Champlin, Capt. Stephen: owns historic chair, 123.
- Chapple, John C.: article by, cited, 50.
- Charles A. Street*, steamer: of T. B. L., 226.
- Charles H. Hackley*, steamer: replaces *Atlanta*, 49; sold, 49; length, 49; renamed, 50.
- Charles Schwab*, steamer: rescues crew of *Vendor*, 52.
- Charlevoix, Pierre Francois Xavier de: quoted, 83; *Journal* cited, 83, *footnote*.
- Charlton*, tug: tows raft of logs, 12.
- Chase, Lew Allen: article by, cited, 50.
- Chateaubriand, F. A. R.: quoted, 86; *Travels* cited, 86, *footnote*.
- Chatget*, schooner: towed with three others, 16.
- Chesapeake*, steamer: information requested, 123.
- Chew, George: partner in sawmill, 12.
- Chew, Thomas: partner in sawmill, 12.
- Chew Co., Manley: boats owned by, 13; raft of logs for, 14; mill built, 12; output of mill, 12; other holdings, 14.
- Cheyenne*, freighter: sold to Paterson Steamships, 43.
- Chicago, Ill.: lacks harbor in 1840's, 142; Northwestern River and Harbor Convention held in, 220-223; World's Fair in, 117; also *passim*.
- Chicago Daily Journal*: item from, 113; quoted, 185.
- Chicago Democrat*: reprint in, 113; quoted, 254, 255.
- Chicago Press Tribune*, quoted, 42.
- Chicago River: fort to be built at mouth, 72.
- Chicago Shipbuilding Co.: builds *Alaska*, 256.
- Chicago Tribune*: cited, 185.
- Chicago *Western City*: quoted, 221.
- China*, steamer: one of triplets, 124.
- Chippewa Indians: kidnap white boy, 145; settlement on Clinton River, 145.
- Christy Corporation: buys portion of plant of Leatham D. Smith Shipbuilding Co., 115.
- Chum, cat: on *Aspen*, 171; honored, 171.
- City of Ludington*, propeller: leaves supplies for *Oneida*, 98.
- City of Mount Clemens I*, steamer: data concerning, 224.
- City of Mount Clemens II*, steamer: data concerning, 225.
- City of Ogdensburg*: formerly *City of Rochester*, 37.
- City of Port Huron* (formerly *Duluth*), steamer: 50.
- City of Racine* (later *Arizona*), propeller: ownership of, 49; size, 49; where built, 49.
- City of Rochester*, schooner: Diodat Rogers builds, 36, 158; officers on, 37; sold and renamed, 37; collision, 37.
- Clarabell*: wins race, 245.
- Clarissa*, sloop: launched, 255; first Chicago built boat, 255.
- Clark, Dwight F.: article by, cited, 50.
- Clarke, Capt. John: sketch of, 264-265.
- Cleveland, Moses: arrival at Cleveland, 46; journal quoted, 46; use of Schenectady boats, 27, 46-47.
- Clemens, Christian: 232; Mt. Clemens named for, 4, 146; buys distillery, 146; orders *Harriett* built, 147.
- Cleveland, Ohio: Greeley's comment on, 142; sesquicentennial parade, 47; old Main Ave. bridge ordered razed, 257; expositions held in, 117; also *passim*.
- Cleveland-Canada Steamship Co.: owns *Cadillac*, 256.
- Cleveland-Cliffs Iron Co.: make-up of, 195; midshipmen cadets assigned to, 256; W. G. Mather retires from, 191.
- Cleveland Drydock Co.: builds *Atlanta*, 49.
- Cleveland Iron Mining Co.: files articles of association, 195; purchases holdings of Iron Cliffs Co., 195.
- Cleveland *Plain Dealer*: article from, 120, 191-192; supplies portrait, 166.
- Cleveland Public Library: information found at, 46; houses G. L. H. S. picture coll., 262; staff thanked, 190.
- Cleveland Tankers, Inc.: purchases *Edge-water*, 187; owns *Meteor*, 136.
- Clifford, Capt. John: notices list of steamer, 47; unable to save her, 48.
- Clifton* (formerly *Samuel Mather*), propeller: lost, 136.
- Clinton*, freighter: carries huge cargo, 230.
- Clinton River (formerly *Huron*): beavers attract trappers, 145; course changed by dredging, 229.
- Clinton-Kalamazoo Canal: plan for, 148; reason for building, 148-149; incident at opening of one section, 149; sections still well preserved, 149.
- Clippers, lake: praised, 42.
- Clough, Mrs. J. B.: heroism aboard *Marine City*, 120.

- Clough, Joseph B.: marriage, 120.
- Clover*, sloop: no longer in service, 169; converted steam barge, 171; replaces earlier boat, 171; W. J. Taylor mate on, 171; captain on, 171.
- Coal: record cargo, 187; new record for loading, 257; most modern, dumper, 258; used as fuel on Gt. Lakes, 208; also see under Cargo: coal.
- Cockburn Sound: H. M. S. *Success* wrecked in, 108.
- Coker, Robert Ervin: book by, reviewed, 269.
- Colgate Hoyt*, propeller: sold to Rockefeller, 135; renamed, 136.
- Collingwood, Ont.: lumbering in, 11; Northern Railway extended to, 11; sawmills built at, 11.
- Collins Iron Works: when and where operated, 195.
- Collisions: losses from, 187; *John Martin*, 190; *Milverton* and *Translake*, 258.
- Colonial Steamship, Ltd.: buys steamers, 114; price paid, 114; owns *Milverton*, 258.
- Color schemes used by transit companies: Tonawanda Line, 226; cost of, 39.
- Colorado*, propeller: under command of Capt. Dority, 63; under Capt. G. L. Thompson, 60.
- Columbia Transportation Co.: owns *Wolverine*, 134; owns *Joseph Frantz*, 184.
- Comer, Capt. W. E.: last to leave ship, 120.
- Commerce and Trade: beginning on Gt. Lakes, 117; fur, 150; Capt. Dulac's interest in, 226; package freight shipping revived, 114; between Detroit and New York, 138; resumed on Clinton River, 232; see also Cargo.
- Commercial Review*: Greeley writes article for, 223.
- Conant, Roger: quoted, 84; work cited, 84 and footnote.
- Connolly, John: 4; becomes superintendent of River Rouge shipyard, 7; in command of *Tracy*, 71.
- Conservation: forest, not practiced, 12; example of cost of financing, 9-10.
- Constitution*, steamer: in storm on Lake Erie, 261-262; saved, 261-262.
- Consumer Power*, freighter: view of, 240.
- Convicts: display of convict ship, 107; carried on *Success*, 108, 109; convict settlement in Victoria, 109.
- Cook, F. V.: in charge of *Cochrane*, 40.
- Cook, H. H.: builds saw-mill, 11.
- Cooper, Dennis Glen: article by, 17-20; occupation, 51.
- Copper: Angelique Mott discovers, 17.
- Coral*, yacht: in regatta, 244.
- Cork *Examiner*: cited, 42.
- Cost: itemized, of shipbuilding, 68-70; of *Adams*, 72; *George G. Cooper*, 67; *George J. Whitney*, 156; *Samuel T. Atwater*, 68; *Surprise*, 6; of damages to *Alida Jane*, 66; of four steamers, 114; of reconditioning *Pere Marquette* 16, 62; of *Pere Marquette* 3, 65; of launching brig *Adams*, 7; of repairs on *George G. Cooper*, 67; *George J. Whitney*, 157; of refitting *Success*, 112; of salvage and repairs on *Leahfield*, 144; of financing conservancy, 9-10; of ship colors, 39; of towing through Welland Canal, 155; of travel on Gt. Lakes, 138.
- Coteaudoc*, steamer: sold, 114.
- Counterfeiting: Dr. Crucial counterfeits iron money, 194.
- Courier*: quoted, 104.
- Cox, James A.: island named for, 210, footnote.
- Craig Shipyards: build tender *Aspen*, 169.
- Crane Island: location, 21.
- Crawford, John: article by, 117-118; identified, 122.
- Crocus*, tender: no longer in service, 169; replaces earlier tender, 171.
- Crosby, Capt. Bill: makes fun of *Samuel Mitchell*, 260.
- Crucial, Dr. —: counterfeits iron money, 194; confederates, 194; tried, 194; acquitted, 194.
- Cuba*, steamer: part of McKay fleet, 48.
- Culver, Oliver: boat named for, 37.
- Currency: need for, in mining regions, 193; issue of iron money, 193; tax on iron money, 193; issue ends, 194; doctor counterfeits iron money, 194.
- Curry, Capt. Peter: inactive, 71; commands *Adams*, 7; *Tracy*, 72; builds ship, 4; builds for U. S., 5; partnership with Matthew Ernest, 5.
- D. C. Pierce*, schooner: record crossing, 42.
- D. P. Thompson*, freighter: through Soo, 186.
- Dahlia*, tender: when and where built, 171.
- Daily Chicago Amer.*: quoted, 255.
- Dan Proctor*, barge: towed, 15.
- Dancey, Thomas B.: article by, 59-65; article by, cited, 50; activities, 122.
- Daniel Webster*, schooner: first owned by Hosea Rogers, 35; fate, 35; anchor becomes curio, 35; built by Rogers, 158.
- Davenport, L.: advertises, 104; *Argo* in charge of, 104.
- Davison, John J.: master of *Atwater*, 155; letter quoted, 155.
- Davy, J. M.: makes speech at launching, 157.
- Dealy, William: boat ordered from, 6.
- Dean, Jewell R.: calendar compiled by, 43-45.
- Dearborn, Henry: recommends Lt. Brevoort, 71; orders *Adams* sold, 72.
- De Butts, Capt. Henry: arranges for U. S. taking over Fort Lernoult, 4.
- Deckwatch: duties of, 77-82.
- Deer*, schooner: data concerning, 225.
- Delanglez, Jean: article by, cited, 50.
- Democrat*, sloop: data concerning, 225.
- Democratic Free Press and Michigan Intelligencer*: quoted, 42.
- Democratic Party: stand on appropriations, 219.
- Dennis, Joseph: builds schooner, 252; Mount



- Dennis named for, 252.
- Derse, J. E.: article by, cited, 50.
- Detroit, flag ship: captured by British and renamed, 74; Elliott attempts to recapture, 74-75; destroyed, 75; identified as flag ship, 113, footnote; sunk, 75, 122; raised, 254.
- Detroit, sloop: built and commanded by Peter Curry, 4; purchased for U. S. Govt., 4; first Amer. ship on upper Lakes, 4; services, 4; unfit for service, 7; fate unknown, 7.
- Detroit, Mich.: Greeley in, 138; destroyed by fire, 72; plans for rebuilding, 72; also *passim*.
- Detroit & Cleveland Navigation Co.: 121.
- Detroit and Milwaukee R.R.: charters *Oneida*, 97; continues service for, 100.
- Detroit Daily Advertiser: quoted, 101.
- Detroit Dry Docks Co.: repairs vessel, 157.
- Detroit Gazette: quoted, 42; has steamboat record, 101; quoted, 101.
- Detroit Hist. Soc. Bulletin: cited, 260; article in, listed, 121, 196.
- Detroit Journal and Michigan Advertiser: quoted, 43, 102-103.
- Detroit Marine Hist. Soc.: thanked, 189.
- Detroit River: fort at entrance, 138; also *passim*.
- Dick T. (formerly *Wahnapiatae*), tug: lost, 15.
- Disarmament: between U. S. and Canada, 204.
- Disasters: at Ludington, Mich., 59-65; *A. J. Rogers*, 22-23; *Bridgewater*, 22; *Canisteo*, 23-24; *E. C. Williams*, 36; *Emperor*, 188; *Flying Mist*, 24; *Frank E. Vigor*, 134; *Grace Dormer*, 21; *Groton*, 22; *H. S. Fairchild*, 40; *Inaria R. Robinson*, 21; *James B. Colgate*, 136; *Joseph Cochrane*, 40; *Leafield*, 143, 144; *Matoafa*, 43; *Merchant*, 141; *Milverton*, 258; *Philip Minch*, 134; *Queen City*, 21-22; *St. Magnus*, 47-48; *Steel Vendor*, 52; *Translake*, 258; *Western Reserve*, 259; theory regarding *Milverton*, 258.
- Dittrick, Howard: article by, cited, 50.
- Dixon, Henry: on *City of Rochester*, 37; wages, 37.
- Doan, Seth: plants wheat on Put-in-Bay Island, 177.
- Dobbins, Leander: buys *Lawrence*, 123.
- Docks: built of wood, 209.
- Dollar, John: buys sawmill, 12.
- Dollar, Robert: buys sawmill, 12; founds Dollar Steamship Line, 12.
- Dollar Steamship Line: founded, 12.
- Doller, John: settles on Bass Island, 244; establishes boat livery, 244; buys *Fanchon*, 244.
- Doller, V.: changes made by, 179.
- Dolores Steamship Co.: sells freighter, 186.
- Door, E. P.: presents silver water pitcher to schooner, 157.
- Dority, Frank A.: captain of *Pere Marquette* 3, 63; brief sketch, 63; describes wreck, 64.
- Doty, Ellis: builds store, 146.
- Douglass Houghton: built, 135; size, 135; present owner, 135; illus., 163.
- Dousman, Michael: cargo for, 73.
- Dow, D. M.: denies use of *Success* for convicts, 109-110.
- Dow Chemical: equipped with radar, 44.
- Dowdell, Emmett R.: photograph acknowledged, 95.
- Dowling, Edward J.: articles by, 49-50, 169-172; occupation, 51; editor and publisher for M. H. S. 265.
- Driftwood Lands and Lumber Co., Ltd.: own *Swederope*, 134.
- Dubay: son-in-law of *Oshkosh*, by M. E. Krug: reviewed, 53-54.
- Dubé, Jean Baptiste (Dubay, John B.): brief account of, 53.
- Duff, William: steward on *Pere Marquette*, 3, 63.
- Dulac, Capt. Bert: in command of *Mineral City*, 229; races Capt. West, 229.
- Dulac, Capt. William: boats built by, 226.
- Dulac Shipbuilding Co.: boats of, 229.
- Du Lhut, Daniel Greysolon, Sieur de: erects trading post on site of Fort William, 263.
- Duluth, steamer: brief account of, 50; illus., 25.
- Dunn, Henry: mate on *City of Rochester*, 37; wages, 37.
- Durand, Henry: buys land for park, 68.
- Durnan, George: lighthouse keeper, 248; finds coffin and bones, 249.
- Durnan, James: lighthouse keeper, 248.
- Dusome, Paul: captain of *Wahnapiatae*, 14.
- Dutton, Fred W.: member of Picture Com., 119, 190.
- Dwor, Richard E.: buys freighter, 186.
- E. B. Bartlett, propeller: sold to Rockefeller, 135; renamed, 136.
- E. C. Williams, schooner: when and by whom built, 351, 158; size, 35; various officers of, 36; instructions for captain, 36; cargo, 36; sold, 36; sinks, 36.
- E. J. Berwind: F. L. Meno captain of, 121.
- E. T. Weir: equipped with radar, 44.
- Eagle, schooner: data concerning, 225.
- Early Settlers Assoc.: *Annals* cited, 46, footnote; use picture as model, 47.
- Eastland, steamer: Capt. Dority commands, 63.
- Eaton, George F.: sets up wireless station, 248; becomes chief wireless operator, 248; acts as lighthouse keeper, 248; installs electric light, 248.
- Economic History of Canada, by M. Q. Innis, reviewed, 197-198.
- Edgewater, steamer: sold, 187; length, 187; changes, 187; when and where built, 187; former use, 187.
- Edison, Pete: supplies information, 17.
- Edsall, tug: helps rescue *Queen City*, 22.
- Edwards, Alfred P.: brother of Ogden, 48; buys up notes, 173; forecloses, 173; buys islands, 173; buys quit claim deed, 174;



- hires Vroman, 176; builds docks 177; builds manor house, 177; persuades Vroman to remain, 178.
- Edwards, John Stark: lawyer, 48; stocks island with sheep, 174; official rank, 174; starts out to visit island, 174; taken ill, 174-175; death, 48, 175; burial, 175.
- Edwards, Louisa Maria: extract from book by, 174-175.
- Edwards, Ogden: brother of Alfred P., 48; gives note, 173; loses property, 173; receives deed to island, 177.
- Edwards, Pierpont: father of eleven children, 48.
- Edwards, William J.: sells quit claim deed, 174.
- El Tempo*, schooner: rapid run, 255; races *Rocket*, 256.
- Eleanor*, schooner barge: data concerning, 224.
- Electro Metallurgical Co.: receives shipment of manganese ore, 44.
- Elizabeth*, scow-schooner: data concerning, 225.
- Elliott, Col. D. O.: reports at meeting, 262.
- Elliott, Jesse D.: attempt to fit out fleet, 74; plan to capture *Detroit* and *Caledonia*, 74; succeeds, 74.
- Ellms, Charles: extract from work, 261-262.
- Elmer*, tug: data concerning, 226.
- Elvira*, barge: of T. B. L., 226.
- Emery, B. Frank: article by, cited, 50.
- Emily*, scow-schooner: data concerning, 224.
- Emperor*, freighter: strikes rocks, 188; sinks, 188; lives lost, 183.
- Empire*, steamer: luxuries on in 1847, 137; quantity of wood consumed on, 185; races *Sultana*, 185.
- England: international law concerning waterways, 203.
- Erie*, sandship: refloated, 114.
- Erie*, steamer: early pleasure excursion on, 254-255.
- Erie and St. Lawrence Corporation: revive package freight shipping, 114.
- Erie Canal: Greeley recommends enlarging, 138.
- Ernest, Matthew: helps establish shipyard, 5; receives letter from Gen. Wilkins, 5.
- Erosion: on Lake Ontario, 153.
- Ethel*, tug: on Clinton River, 232.
- Eugene*, scow-schooner: data concerning, 225.
- Eugenia Vesta*, barge: of T. B. L., 226.
- Evans, Estrick: quoted, 88; work cited, 88, footnote.
- Expositions: Mid-America, 117-118; Industrial, 117; Great Lakes, 117; G. L. H. S. exhibits at Mid-America, 189.
- F. R. Buell*, steamer: data concerning, 226.
- F. U. Massed*, freighter: sold, 44.
- Fair Haven, Mich.: boats built at, 225.
- Fair Trader*, scow-schooner: data concerning, 225.
- Fairchild, H. S.: vessel named for, 40; presents colors, 40; misses launching, 40.
- Fairs: European trade, 117; St. Denis, 117; Leipzig, 117; World's, 117.
- Fanchon*: used for racing, 244.
- Fannie* (formerly *Barge 202*): 136.
- Farmer, Mrs. Matt: supplies information, 17.
- Farrandoc*, steamer: sold, 114.
- Feasts: of the Golden Autumn, 117.
- Federal Shipyard, Kearney, N. J.: ships built at, 52.
- Felicity*, sloop: storm driven to Lake Erie Islands, 86.
- Ferries: *Caribou* used as, 118.
- Field, Dudley: objects to improvement of Illinois River, 223.
- Finance: difficulties in mining regions, 193; attempts own, 193-194.
- Fires: destroys records, 6.
- Firstbrook Box Co.: owns *Penetang*, 13, 16.
- Fishing: good, 177.
- Flags: used for signals, 250.
- Flint & Pere Marquette 1*: stranded, 65.
- Flint & Pere Marquette Railway Co., 63.
- Flying Mist*, schooner: grounded, 24; cargo, 24; *A. C. Van Raalte* aids, 24.
- Foot Transit Co.: sells freighter, 44.
- Ford Motor Co.: sells *Edgewater*, 187.
- Forests: kinds of trees in Ontario, 16.
- Fort Dearborn, Ill.: Hosea Rogers visits, 34; supplies for, 73; abandoned, 74; garrison attacked, 74; losses, 74.
- Fort Erie, Ont.: *Detroit* arrives at, 74.
- Fort Laramie: earliest trading post, 117.
- Fort Lernout, Mich.: guards *Detroit*, 3; U. S. takes over, 4.
- Fort Mackinac: 73; surrendered, 74.
- Fort Malden, Amherstburg, Ont.: 6.
- Fort Rouille, Ont.: built to protect fur trade, 150.
- Fort Wayne: instructions to withdraw to, 74.
- Fort William, Ont.: first white men to visit site, 263; trading post erected on site, 263; named, 263; Hudson's Bay Co. occupies, 263; incorporated, 263; size and population, 263; power for industries, 263; surrounding country, 263-264; view of harbor, 236.
- Fort William, Ontario*: 263-264.
- Forty Designs for Postwar Boats*, by William Atkin: reviewed, 199.
- Fox, Simon: agent for Rivera, 179.
- Foye, Louis: early inhabitant of island, 179.
- Frank Armstrong*: equipped with radar, 44.
- Frank Canfield*, tug: aids in salvaging, 62; moored to *Pere Marquette 3*, 65.
- Frank E. Vigor*, propeller: in collision, 134; illustration, 163.
- Frank Rockefeller*, 1896, propeller: sold to Rockefeller, 135; in Pittsburgh Steamship Co. fleet, 136; converted to tanker *Meteor*, 136.
- Freakish Turnover*, by Louis Baus, 47-48.
- Fred J. Hewitt*, steamer: twice sold, 186; size, 186; when built, 186.

*Free Press Herald*, Midland, Ont.: supplies illus., 29.  
 Freighter: aboard, 77-82, 180-184; accommodations, 77; duties, 180.  
 Fuller, Margaret: shoots falls in St. Mary's River, 140.  
*Fulton*, barge: of T. B. L., 226.  
 Funeral: early, on island, 179.  
*Gallant Rebel*, by S. F. Horn: reviewed, 268.  
 Gar, U. S. S.: assigned to Cleveland, 258.  
 Garden City, propeller: G. A. Waterbury on, 209.  
 Gardner, George W.: uses Ballast Island Club, 245; revives interest in regattas, 245.  
 Garvin, Amelia Beers: see Hale, Katherine.  
 Garvin, Joseph L.: on nominating committee, 190.  
 Gavett, Col. William A.: collects tax on iron money, 194.  
*Gazette*, schooner: Hosea Rogers captain of, 34.  
 Gazley, Dick: member of exploring party, 211; portrait, 239.  
*General Brady*, steamer: Burtis captain of, 104.  
*General Gratiot*, steamer: described, 42; competitor of *Argo*, 104; John Clarke, master of, 264; tows captured boat, 265.  
*General Orlando M. Poe*: of Rockefeller fleet, 135; present owner, 135.  
 Genesee River: Hosea Rogers builder on, 33-41, 66-70, 156-160; illus. of dock on, 91.  
 Genesee Valley Canal: closed, 66.  
*Geographical Review*: article in, cited, 266.  
 George III: allegiance to, 7; charters first American fair, 117.  
*George G. Cooper*, schooner: contract for, awarded, 66; described, 67; named and launched, 67; cargo carried, 67; sold, 67; accident to, 67; built by Rogers, 158.  
*George H. Corliss*, propeller: built for Rockefeller, 134; later name and owner, 134.  
*George Hadley*, propeller: in collision with *Thomas Wilson*, 136.  
*George J. Whitney*: most valuable, 156; size, 156; cost, 156; colors presented to, 156; launching, 156; receives gift of books, 156; grounded, 156; repaired, 157; wrecked, 157; lost, 157.  
*George Murray*, schooner: collides with *Camisteo*, 23 and footnote.  
*George Stephenson*, propeller: built for Rockefeller, 134; later owner, 134.  
*George W. Colwell*, propeller: commanded by Capt. G. L. Thompson, 60.  
*George W. Johnson*, schooner: commanded by Capt. G. L. Thompson, 60.  
*Georgia*, steamer: to aid of *Atlanta*, 49; shipwrecked passengers transferred to, 49.  
 Georgian Bay: lumbering in harbor towns, 11; perils for log rafts, 13; also *passim*.  
*Geraldine*, tug: use of, 13; owner, 13, 16.  
*Gibraltar Point Light*, by Rowley Murphy: 150-154, 248-253.

Gibraltar Point Lighthouse: oldest building in Toronto, 150; Robertson gives early history of, 151, 151-152; description of building, 152-154; keepers of, 248; named, 250; on old charts, 251; Robertson corrects designation, 252; affect of lightning on, 152-153; illustration, 239.  
 Gilbert, Louis Joseph: appearance, 191; nickname, 191; occupation, 191; apprenticeship, 191; shipwrecks, 192; office described, 192; portrait, 166.  
*Globe*, steamer: Abraham Lincoln on, 260; grounded, 260.  
 Globe Iron Works: builds *Sagamore*, 257.  
 Globe Shipbuilding Co.: ships built by, 259.  
 Glover, Jack: on *Caribou*, 119.  
 Goderich, Ont.: *Caribou* built at, 119.  
 Goodrich fleet: commended, 170; boats built for, 99; boats belonging to, 49.  
 Government: evils of bureaucracy, 8.  
*Grace Dormer*, propeller: burned, 21; rebuilt and later use, 21, footnote.  
 Graham, Capt. Joseph L.: oversees repairs, 66.  
 Grand Haven, Mich.: *Oneida* arrives at, 99.  
*Grantee once more*: 48-49.  
 Granger, Joshua: joint owner of boat, 40; value of share, 40.  
 Grant, Commodore Alexander: in command of British Navy of upper lakes, 71; lives on American soil, 71; retired, 72; death, 72.  
*Grayling*, tug: goes to assistance of *Marine City*, 120.  
 Great Britain: struggle with Napoleon, 73; impressment of American sailors, 73.  
 Great Lakes: articles on, listed 50, 121, 196, 266; Bradley interests on, 190; early travel on, 125-126; expositions, 117; international law disregarded on, 203; lore, 124; radar aid to navigation on, 44; *Success* exhibited on, 112; also see under individual names and *passim*.  
*Great Lakes Calendar*, compiled by Jewell R. Dean: 43-45; compiled by Bertram B. Lewis, 114-116, 186-188, 256-258.  
*Great Lakes frozen across*, by C. J. Root: 265.  
 Great Lakes Harbors Association: annual meeting, 262.  
 Great Lakes Historical Society: address before, 203-207; annual meeting, 190-191; annual report, 189-190; gifts received, 51, 264; exhibits at Mid-America Exposition, 189; members of Picture Com., 119; report of Picture Com., 190; aim of com., 190-191; special offer of com., 119; solicits gifts, 262; members of nominating com., 190; officers elected, 190; new members, 270-271; also *passim*.  
 Great Lakes Lumber and Shipping Co.: propellers owned by, 134; owners of *Blanche H*, 134.  
 Great Lakes Towing Co.: dispatchers for, 191, 192; phones on tugs of, 257.



- Great Western*, steamer: 125.
- Greeley, Horace: intimate knowledge of the West, 137; attends Rivers and Harbors Convention, 137; quoted, 137-138; 139, 139-140, 140, 141, 142; disapproves of shooting falls in St. Mary's River, 140; recommends sale of Federal lands, 140; painstaking searcher after facts, 142; battles for internal improvements, 218-223; heads New York contingent, 220; pokes fun at President Polk, 220; reaches Chicago, 221; called on for speech, 221; speech quoted, 221; activities at convention, 222; describes Lincoln, 222; quoted, 223; activities after convention, 223; portrait, 234.
- Green, Edward H.: buys *United States*, 120; transforms her into yacht, 121; sells, 121.
- Green Bay*, schooner: grounded, 267.
- Green Bay*: storm on, 78.
- Griffin*, schooner: interest in fate of, 211; W. C. Steele has wood from, 212; spike from, 212; directions given for finding wreck, 212; caulked with lead, 213; lead taken for bullets, 213; built of white oak, 214.
- Griffiths, Maurice: book by, reviewed, 55.
- Gropp Bros.: own *Topsy*, 13, 16; saw oak timbers for *Wahnapiatae*, 14.
- Groton*, schooner: towed, 16; rammed by *Roscius*, 22; crew, 22.
- Groves, Walter: helps promote regatta, 244; superior racing skill, 245.
- Guthrie, James: captain of *Detroit*, 5.
- Gypsum*, freighter: runs aground, 80; towed by *America*, 81.
- H. C. Schnoor*, steamer: data concerning, 225.
- H. H. Brown*, freighter: 81.
- H. S. Fairchild*, schooner: builder of, 40, 158; reputation, 40; owners of, 40; mortgage, 40; size, 40; first cargo, 40; ceremony at launching, 40; lost, 40; value of lost cargo, 41; Capt. W. C. Harry in command of, 67.
- Hacker Boat Co.: builds motor craft for government, 232.
- Hackett, Charles S.: book review by, 125-126.
- Hagelin, Daniel W.: book review by, 54, 124; occupation, 51, 122.
- Haight, Floyd L.: article by, cited, 50.
- Hale, Katherine: book by, reviewed, 126-127.
- Half Moon*, sloop: catastrophe, 115.
- Hall, Capt. J. W.: records accident to *George G. Cooper*, 67.
- Haller, Peter: recalls superstition, 229.
- Hammond & Burnham: letter from, quoted, 159.
- Hamtramck, Col. John Francis: at Maumee River, 4; commandant at Detroit, 71; ordered to establish fort, 72.
- Handy Boy*, steamer: data concerning, 224.
- Hanks, Lt. Porter: compelled to surrender Fort Mackinac, 74.
- Hansen, H. J.: supplies photograph, 96.
- Hardison, Capt. George: builder of *George J. Whitney*, 156; builds *Thomas Parsons*, 157; *Polly M. Rogers*, 158; *Mary J. Lyon*, 159; *Samuel T. Atwater*, 68; amount received for *Atwater*, 68; buys *Mary J. Lyon*, 160.
- Harriet*, scow-schooner: data concerning, 224.
- Harriett*, schooner: built, 147; difficulty in launching, 147-148; compass lost overboard, 148.
- Harris, G. H.: book by, cited, 34, footnote; quoted, 34.
- Harry, Paul: master of *Thomas Parsons*, 158.
- Harry, Capt. W. C.: in command of *George G. Cooper*, 67; other commands, 67; commands *Samuel T. Atwater*, 68; money paid to, 69, 70; commands *Thomas Parsons*, 158; *Mary J. Lyon*, 160.
- Hartman, Mrs. Robert: loans father's historical sketch, 177-179.
- Harvest Home*, schooner: collides with *F. S. Fairchild*, 40-41.
- Harvey, Charles T.: book gives account of, 54.
- Harvie, Joseph: compiles book, 107; death, 107; gives misinformation, 108-109.
- Hatcher, Harlan: book by, rev., 198; work cited, 264, footnote.
- Hattie*, steamer: data concerning, 225.
- Hattie A. Estelle*, schooner: lost, 267.
- Havighurst, Walter: book by, reviewed, 55.
- Hawkins, L. S.: aids in setting up wireless station, 248.
- Haze*, tender: in use in seventies and eighties, 171.
- Hazel*, yacht: purchased, 245.
- Heald, Capt. Nathan: evacuates Ft. Dearborn, 74.
- Heidt, Morris, Co.: sells fine yachts, 245.
- Henderson, Arthur: speech of, 109, 110.
- Henry Clay*, schooner: brings cargo to Detroit, 102.
- Henry Cort* (formerly *Pillsbury*), whaleback steamer: of Rockefeller fleet, 134; wrecked, 134; illustration, 165.
- Henry Ford II*, motorship: photographs of, 51.
- Heroism of a Steamboat Engineer*: 261-262.
- Hershfield, Com. J. A.: speaks at annual meeting, 262.
- Hewitt, Herbert H.: article by, 106-112.
- Hibou*, steamer: sunk, 118.
- Higgie, F. B.: captain of *Lillie Amiot*, 23.
- Hill, C. B.: makes speech at launching, 40.
- Hill, George: mate on *E. C. Williams*; wages, 36; mate on *City of Rochester*, 37; wages, 37.
- Hilty, Robert O.: speaks at annual meeting, 262.
- Hinger, Jake: helps promote regatta, 244; superior racing skill, 245.
- Hiram R. Dixon*, propeller: error in statement re, 119; facts re, 119.

- History of Shipping at Mount Clemens*, by Norbert Neff, 145-149, 224-232.
- Hobbies: of Mrs. Harry D. Piercy, 51; photography, 171.
- Hobo*, yacht: purchased, 245.
- Hog Island: location, 21.
- Hogs: on Erie Islands, 174, 176; numerous on islands, 87, 88; exterminate rattlesnakes, 87, 88.
- Holbrook, Stewart H.: book by, reviewed, 54.
- Hollway, George: helps promote regatta, 244; superior racing skill, 245.
- Hope*, schooner: frozen in, 195; described, 195; use, 195; wrecked, 195.
- Horace Greeley at the Northwestern River and Harbor Convention, 1847*, by M. L. Williams: 218-223.
- Horace Greeley tours the Great Lakes*, by M. L. Williams: 137-142.
- Horn, Stanley F.: book by, reviewed, 268.
- Horseshoe Reef: ceded to U. S., 206; location, 206; lighthouse needed on, 206-207; conditions of cession of, to U. S., 207.
- Hosea Rogers, Builder of Boats*, by Polly Tyler: 33-41, 66-70, 155-160.
- Hotchkiss & Co.: builds sawmill, 11.
- Hovey, A. H.: shipment for, 41.
- How to Sail*, by C. D. Lane: reviewed, 127-128.
- Howard, Alan: aid acknowledged, 253.
- Hudson River: appropriation for improvement refused, 219.
- Hunt, Washington: letter printed, 223.
- Hunter*, schooner: data concerning, 225.
- Huntington, W. R.: uses Ballast Island Club, 245.
- Huronian Historic Sites Association: establishes local museum, 262.
- Huronian House: collections in, 262.
- Hurricane Warning*, by Frank Meier: reviewed, 267-268.
- Hyacinth*, tender: sold, 44; no longer in service, 169; replaces earlier boat, 171.
- Hyde, Henry: family early on island, 179.
- Hyde, Sarah: grave, 179.
- Hydro Power Commission: supplies Fort William, 263.
- Ida*, steamer: data concerning, 224.
- Ida*, yacht: in regatta, 244; wins short race, 244.
- Ida M. Torrent*, steamer: data concerning, 224.
- Idaho*, propeller: engine tested on, 97.
- Illinois: Greeley tours, 142.
- Illinois River: objections to improving, 223; Greeley answers, 223.
- Illinois State Historical Society *Journal*: article, in, cited, 50, 266.
- Illustrations: Air view of Racine Harbor, 26; *The Argo*, 94; *Argo*, 238; *Atlanta*, 31; Busy harbor scene, Ft. William, 236; Capt. Con. McCauley, 30; Capt. Hosea Rogers, 30; Capt. Wm. J. Taylor and chums, 166; *The Caribou*, 89; Carthage Landing, 91; Douglass Houghton, 163; Excursion steamer *Toronto*, 233; *Frank E. Vigor*, 163; Gibraltar Point Lighthouse, 239; Harbor at Sarnia, 168; *Henry Cort*, 165; Horace Greeley, 234; Iron Money, 161; "K" boat in regatta, 235; *Leafield*, 167; Louis Joseph Gilbert, 166; Mackinac Island scene, 164; Manitoulin Island explorers, 239; Marine engine model, 237; *Mary Lyon*, 29; *Milverton*, burning, 233; Montreal harbor, 162; Municipal mooring basin, 32; *The Norisle*, 89; Original sketches of fish head, 238; Port of Sandusky, 92; Race of six-meter boats 235; Rescue from *Pere Marquette* 3, 96; St. Joseph, Mich., harbor, 240; *St. Magnus*, 31; Schenectady boat, 27; *South Park*, 164; S. S. *Bennington* at Cleveland, 1920, 95; S. S. *Duluth*, 25; Steamer *Pere Marquette* 16, 96; *Steel Chemist*, 25; *The Success*, 90, 91; Tender *Aspin*, 167; *Thomas Parsons*, 28; Toronto harbor, 93; *The United States* at Sarnia, 94; *Wahnapiatae*, 29.
- Inaria R. Robinson*, steam barge: burned, 21; cargo, 21; towed to Chatham, Ont., 21.
- Inches, H. C.: captain of *Armstrong*, 79.
- Independence*, propeller: Greeley hopes to sail on, 139-140.
- India*, steamer: 124; ill., 164.
- India Navigation Co.: sells *Sagamore*, 257.
- Indiana*, 1831-1832: Hosea Rogers, captain of, 33; cargo, 33.
- Indiana*, propeller: ownership of, 49; size, 49; where built, 49.
- Indiana History Bulletin*: cited, 196.
- Indiana Transportation Co.: *United States*, built for, 120-121.
- Indians: curious belief concerning snakes and raccoons, 87; fight with British, 177; trade on Gt. Lakes, 117; also see under various tribal names.
- Inland*, motorship: gyrocompass from, 51.
- INLAND SEAS: 48, 50, 51, 77, 116, 119, 124, 125, 127; opens columns for questions and answers, 122; rescues Lincoln's application for patent, 260-261; salutes Huronia House, 262; articles in, cited, 169, *footnote*, 173, 220, *footnote*, 254, *footnote*.
- Inland Steel Co.: gives gyrocompass to G. L. H. S., 51; owns *Steel Chemist*, 52.
- Innis, Mary Quale: book by, reviewed, 197-198.
- Insurance: rates on boats, 38, *footnote*; on *Pere Marquette* 16, 62.
- Inter-Lake Yachting Association: organized, 245; organizations joined by, 245; assoc. eligible for membership in, 245-246.
- Inter-lake Yachting down through the Ages*, by Theo. G. Seemeyer, Jr.: reviewed, 125.
- Interstate Commerce Commission: decision, 115.
- Inventors: ships named for, 134.
- Iron: discovery of, ore, 193; difficulties and delays in shipping ore, 45; huge shipments from Port Arthur, 257; see also Commerce



- and Trade: iron.
- Iron Cliffs Co.*: holdings of, purchased, 195; holdings listed, 195.
- Iron Money*, by R. A. Brotherton: 193-195.
- Iron Money*: illus., 161.
- Isle Royale National Park*: dedicated, 17.
- Island Queen*, steamer: George W. Orr commands, 176; Frank Rinkleff engineer on, 179.
- Islander*, steamer: Geo. W. Orr captain of, 176.
- Ivanhoe*, steamer: carries many passengers, 227; one of best known of Dulac enterprises, 229.
- Ivie* (formerly barge 127): 136.
- J. A. Saunders*, scow-schooner: data concerning, 224.
- J. B. Lozen*, schooner barge: data concerning, 226; runs aground, 229; freed, 229.
- J. H. Frantz*, steamer: carries record cargo of coal, 187.
- J. H. Sheadle*, freighter: clears, 184; described, 184.
- J. L. Colby*, propeller: sold to Rockefeller, 135.
- J. P. Chapin*, scow-schooner: data concerning, 225.
- J. S. Ruby*, steamer: data concerning, 225.
- J. T. Reid*, schooner: scrapped, 134.
- J. T. Wing*, schooner: converted to marine museum, 257.
- Jackson, Andrew*, 265; favors internal improvements, 218.
- Jackson Iron Co.*: iron money of, counterfeited, 194; first name of, 194; first ore mined by, 194; part of Cleveland-Cliffs Iron Co., 194.
- James B. Colgate*, propeller: sold to Rockefeller, 135; disaster, 136.
- James B. Eads*, steamer: of Rockefeller fleet, 135; present owner, 135.
- James B. Neilson* (formerly *Washburn*), propeller: of Rockefeller fleet, 134; renamed, 134; scrapped, 134.
- James Bennett*, tug: rescues *A. J. Rogers*, 23.
- James K. Polk*, sloop: takes on cargo, 139.
- James Madison*, steamer: early notice of, 185.
- James Nasmyth*, propeller: built for Rockefeller, 134; later owner, 134.
- James Watt*, propeller: built for Rockefeller, 133; later use, 134.
- Jane and Ann*, schooner: first through Welland Canal, 33.
- Jansky Jr., C. M.*: describes potentials of radar, 114.
- Japan*, steamer: 124; illus., 164.
- Jeanette*, 1828: Hosea Rogers captain of, 33; one of first through Welland Canal, 33.
- Jeanette*, schooner barge: data concerning, 226.
- Jefferson, Thomas*: economy policy, 72.
- Jenkins, Shadrack*: builder of *Argo*, 101.
- Jenks, B. L.*: article by, 264-265.
- Jennie* (formerly Barge 111): 136.
- Jeremiah Godfrey*, barge: of T. B. L., 226.
- Jersey City*, steamer: rescues passengers, 177.
- Jewett, H. J.* (later *Binghampton*), propeller: used as package freighter, 169.
- John, Capt.*: see *Musham, H. A.*
- John A. Roebling*, schooner: of Rockefeller fleet, 134; size, 134; sold, 135.
- John C. Mann*, tug: aids in salvaging, 62; moored to *Pere Marquette 3*, 65.
- John Ericsson*, propeller: built for Rockefeller, 134; later owner, 134.
- John Fritz*, schooner: of Rockefeller fleet, 134; size, 134; sold, 135.
- John Grant*, schooner: Hosea Rogers describes experience on, 34; trip to Chicago, 34.
- John Martin*, schooner: lost, 190.
- John Martin*, tug: 16.
- John Roen IV*, tug: size, 188; trial run, 188; use, 188.
- John Scott Russell*, barge: purchased for Rockefeller fleet, 134; renamed, 134; scrapped, 134.
- John Smeaton*, barge: built, 135; size, 135; present owner, 135.
- John T. Hutchinson*: equipped with radar, 44.
- John T. Treavor*, propeller: sold to Rockefeller, 135.
- Johnson, Mrs. Anna*: on *Pere Marquette 3*, 62; rescued, 64.
- Johnson, Arnold*: supplies information, 17.
- Johnson, Gilbert R.*: article by, 203-207; addresses G. L. H. S., 191; speak at annual meeting, 262; occupation, 266.
- Johnson, Leo P.*: notarizes statement, 56; elected treasurer of G. L. H. S., 190; gives report, 190.
- Johnson, Melford*: supplies information, 17.
- Johnson, Reverdy*: letter printed, 223.
- Johnson, T.*: master of *Flying Mist*, 24.
- Johnston, P.*: mate on *Bridgewater*, 22.
- Joliet*, freighter: loaded, 79; loads at Escanaba, 184; first through Soo locks in 1947, 186.
- Jones, C. A.*: makes deal with Hosea Rogers, 39.
- Jones, Roger M.*: article by, 131-136; supplies illustrations, 163, 164, 165.
- Joseph Cochrane*, schooner: built for Hosea Rogers, 38, 39, 158; launching described, 39; size, 39; bible presented to, 39; officers of, 40; fate of, 40.
- Joseph Frantz*, freighter: 184; establishes new coal-loading record, 257.
- Josephine*, scow-schooner: data concerning, 225.
- Journal of Geography*: article in cited, 50.
- Journal of Shipwrecks in the Vicinity of the Lighthouse at Waughoshance*: 21-24.
- Julia Palmer*, steamer: irregular schedule, 139.
- Julius Barnes*: length, 115.
- "K" boat: illus., 235.
- Karpinski, Louis C.*: article by, cited, 50.

- Kearney, N. J.: ships built at, 52.  
 Keenan Towing Co.: buys *Wahnapiatae*, 15.  
 Kellogg, John: cured by Mount Clemens waters, 227.  
 Kennedy, S. C., Co.: builds sawmill, 11.  
 Kenyon, Charles: buys *Lily*, 232.  
 Kerosene Bay: *Success* sinks in, 111.  
*Keymount*, freighter: Paterson Steamships buys, 43.  
*Kimball*, coast guard cutter: rescues survivors of *Emperor*, 188.  
 Kinzie, John: cargo for, 73.  
 Kipling, Rudyard: quoted, 150.  
 Kirkwood, Ernest L.: on nominating com., 190.  
 Knaggs, Whitmore: cargo for, 73.  
*Knudsen, a biography*, by Norman Beasley: reviewed, 199-200.  
 Krug, Merton E.: book by, reviewed, 53-54.
- Lac Otsikiti: see Lake St. Clair.  
*Lachindoc*, steamer: sold, 114.  
*Lady of the Lake*, steamer: replaces *Argo*, 105.  
 Lake Carriers' Association: 114; organized by Morris A. Bradley, 190; first president of, 190; compiles cargo statistics for 1946, 115; sponsors use of radar, 44; recommends type of radar for Gt. Lakes, 187.  
 Lake Champlain: naval strength in 1817, 204.  
 Lake Erie: appropriation for improvement lost, 219; beaches abound in interest, 241; ice on, 265; islands in, named, 177; shifting waters, 114; also *passim*.  
 Lake Huron: ice on, 265; also see *passim*.  
 Lake Michigan: appropriation for improvement lost, 219; channel to Pere Marquette Lake lacks protection, 59; ice on, 265; *Oneida* frozen in on, 98; also see *passim*.  
 Lake Ontario: appropriation for improvement lost, 219; affect of high and low water, 251; ice on, 265; naval strength on, in 1817, 204; early trade on, 150-151; also see *passim*.  
 Lake St. Clair (formerly Lac Otsikiti): early navigation to, 145.  
 Lake Superior: consequence of summer gale, 259; disaster on, 143; ice on, 265; loss of *Emperor* on, 188; Rockefeller owns lands bordering on, 131; poem on Thunder Bay, 76; also see *passim*.  
 Lakeside, Mich.: shipbuilding at, 147; hotels famous for dinners, 227.  
*Land of Promise*, by Walter Havighurst: reviewed, 55.  
 Landon, Fred: work cited, 264.  
 Lane, Carl D.: book by, reviewed, 127-128.  
 Lane, Ferdinand C.: book by, reviewed, 198-199.  
 Langlois, Thomas H.: article by, 173-179, 244-247; reply to criticism, 48-49; occupation, 266.  
 Larder, James: appointed lightkeeper, 248.  
 LaSalle, Robert Cavelier, Sieur de: selected tall men for crew, 212.
- Law, international: concerning waterways, 203.  
*Lawrence*, brig: sunk, 122; sold, 123; later fate, 123.  
 Lawrence, Abbott: U. S. ambassador to London, 206.  
*Leafield*, coaster: beached, 143; foundered, 143; where and when built, 143; size, 143; sold, 143; cargo, 143; officers, 143; account of disaster, 143-144; second version of, 144; lost, 144; illustration, 167.  
*Leafield was Unlucky*, by W. R. Williams: 143-144.  
 Legislation, concervancy: need for, 8-10.  
 Letherby Mill: see Chew Brothers.  
*Leviathan*, tug: tows burned barge, 21; tows *Grace Dormer*, 21; helps rescue *Queen City*, 22.  
 Lewis, Bertram B.: article by, 191; compiles Gt. Lakes calendar, 114-116, 186-188; 256-258; occupation, 200.  
*Lewis Gilbert* (later R. A. Seymour), steamer: data concerning, 224.  
 Lewis, Ky.: member of exploring party, 211; finds spike in *Griffin* relic, 216; portrait, 239.  
 Life-saving station: crew answers distress signal, 63.  
 Lighthouses: serviced by tenders, 170; duties of keepers, 170; act passed for establishing three in Ontario, 151; site chose for, 152; data from Waugoshance, 21; need for, on Horseshoe Reef, 206-207; Little Point on Sable, 98; on Manitoulin Island, 212; see also under individual names.  
 Lightning: effect on Gibraltar Point Light, 152-153.  
*Lillie Amiot*, schooner: grounded, 23; cargo, 23.  
*Lily*, barge: on Clinton River, 146; carries coal, 146; one of crew in difficulty, 230; last craft on Clinton River, 230; name, 230-231; use, 231; method of loading, 231; opposition to, 231; carries "Old Timers" excursion, 231; in ice break-ups, 231-232; sold, 232.  
*Lily*, steamer: data concerning, 225.  
*Lincoln as an Inventor*: note, 260-261.  
 Lincoln, Abraham: described by Greeley, 222; replies to Field, 222; takes passage on *Globe*, 260; invents device for lifting ships over sand bars, 260; secures patent, 261.  
 Liney, W.: captain of *Bridgewater*, 22.  
 Little Point Au-Sable lighthouse, 98.  
 Lloyd's: certifies *Success* seaworthy, 111.  
*Lloyd's Register*: lists seven named *Success*, 108.  
 Log books: quoted, 195.  
 Log-pickers: duties of, 15-16.  
 Long, F.: joint owner of *Success*, 111.  
 Long, John: work cited, 46, *footnote*, 47, *footnote*; mentions Schenectady boats, 46.  
 Lonsby Lumber Co.: cargo for, 230.  
 Lorain, Ohio: tests new coal dumper, 258; also *passim*.



- Lost Men of American History*, by S. H. Holbrook: reviewed, 54.
- Louisa*, scow-schooner: data concerning, 225.
- Lozen, Matt: superstition of, 229.
- Lucky Stones*, by I. S. H. Metcalf: 241-243.
- Ludington, Mich.: breakwater system added, 65; disasters at, 59-65; harbor, 59.
- Ludington Record-Appeal*: quoted, 64, 65.
- Lumbering: duties of logpickers, 15-16; woods of Ontario, 16; around Georgian Bay, 11-16; boom in Michigan, 208; waste in cutting, 208; change in saws, 209.
- Lybarger, Nancy: review by, 267-268.
- Lynn, David: captain of *Queen City*, 22.
- Lyons Construction Co.: buys tenders, 44.
- M. Wilcox*, scow-schooner: data concerning, 224; when and where built, 225.
- Macaulay, Gordon R.: article by, quoted, 118-119; supplies photographs, 89.
- Mackinac Island: Greeley dislikes, 139; view of harbor, 164.
- Mackinaw*, ice breaker: 78, 80; clears lanes, 186; used in ice-breaking experiments, 257.
- Mackintosh, Angus: orders *Caledonia*, 5, 74; boat launched, 7; moves to Canadian side, 7.
- Madeleine*, schooner: view of, 239.
- Madison, Ohio: boats built at, 66.
- Manganese ore: described, 44; shipment received, 44.
- Majestic*: illus., 164.
- Manitou Island: disaster near, 52.
- Manitoulin*, steamer: burned in 1882, 118.
- Manitoulin*, steamer: M. H. S. takes first annual cruise on, 265.
- Manitoulin Island: 13; wreck on, 156; *Griffin* wrecked on shores of, 211-217.
- Manitowoc, Wis.: boats built at, 49; view of dock, 163.
- Mansfield, J. B.: work cited, 157, *footnote*.
- Maria*, schooner: of British Navy, 71.
- Marie*, schooner: log book quoted, 195.
- Marigold*, tender: sold, 44; no longer in service, 169; W. J. Taylor mate on, 171.
- Marine City*, steamer: burning of, 120.
- Marine engine model: 237.
- Marine Historical Soc. of Detroit: issues bulletin, 265.
- Marine Intelligence of other Days*, 42-43, 113, 185, 254-256.
- Marlton, William: *Caribou* built for, 119.
- Marquette Iron Range: sells to eastern cities, 193.
- Martin, Capt. Charles: best known of log-pickers, 16.
- Mary*, steamer: well known passenger ship, 229.
- Mary Hattie*: where and when built, 225.
- Mary J. Lyon*, schooner: named for, 159; described, 160; launched, 160; twice sold, 160; converted into coal barge, 159, 160.
- Mary Lyon*: converted into coal barge, 159; illustration, 29.
- Mascotte*, propeller: well known craft, 229.
- Mason, Stevens T.: gov. of Michigan, 149.
- Mastics, A. A.: elected sec. of G. L. H. S., 190.
- Mataafa*, freighter: change of freight, 43; converted, 43; early disaster, 43.
- Mather, Samuel: dealings with Rockefeller, 132; plan for giving out contracts, 132-133.
- Mather, William Gwinn: retires, 191.
- Matthews, Blake: lighthouse keeper, 248.
- Matthews, Katherine J.: answers query, 122-123.
- Maunaloa*, steamer: in collision, 136.
- McCauley, Capt. Cornelius: commands *Atlanta*, 49; slow in leaving burning ship, 49; commands *Carolina*, 50; reputation, 50; portrait, 30.
- McDermott, P. W.: article by, 83-88; book review by, 53-54; occupation, 51, 122.
- McDonald, Commander E. F.: sought fate of *Griffin*, 211.
- McDonald, William A.: 51; compiles article, 21-24; owns picture collection, 122; supplies illustration, 167; on Picture Com., 119, 190; gift to G. L. H. S., 21.
- McFadden, J. J., Lumber Co., Ltd.: buys *Wahnapiatae*, 15.
- McGibbon Lumber Co.: owns and hires tugs, 13; loses raft of logs, 13.
- McHenry, Charles: speaks at annual meeting, 262.
- McHoy, John: signs entry, 22.
- McIntyre, Sandy: captain of *Leafield*, 143; aligns boat, 143; ill, 144.
- McKay, A. B.: joint owner of *St. Magnus*, 48.
- McKay, R. O.: joint owner of *St. Magnus*, 48.
- McLean, Capt. Hector: writes of activity at River Rouge, 6.
- McSherry, Patrick: lighthouse keeper, 248.
- Meier, Frank: book by, reviewed, 267-268.
- Melbourne *Argus*: gives tonnage of *Success*, 108.
- Meldrum Bay: shores described, 211.
- Memento of Marine City*: article from *Plain Dealer*, 120.
- Memories of the Lakes*, by D. T. Bowen: reviewed, 124.
- Mendenhall, —: promises supplies, 18; per-didy of, 18-19; goes unpunished, 20.
- Meno, Capt. Frank L.: brief obituary, 121.
- Mercereau, William L.: compiles data, 59, *footnote*; occupation, 59, *footnote*; arrives at Ludington Harbor, 61.
- Merchant*, schooner: lost, 141.
- Merle H., propeller: owner, 134.
- Merritt, William Hamilton: builder of *Wel-land Canal*, 33; pilots first boat through, 33.
- Metcalf, Clarence S.: 122; elected executive vice pres. of G. L. H. S., 190; acts as toast master, 190.
- Metcalf, I. S. H.: article by, 241-243; fur-nishes illustration, 238; occupation, 266.
- Meteor* (formerly *Frank Rockefeller*), tank-er: 136.

- Metropolis*, steamer: goes to assistance of *Marine City*, 120.
- Mexican War: 141; Greeley hates, 221.
- Michigan*, propeller: seeks *Oneida*, 99; crushed in ice, 99; described, 99.
- Michigan*, gunboat: 124.
- Michigan*, steamer: bound for Cleveland, 80; fast boat, 181.
- Michigan: established as territory, 72; water boundaries established, 256; also *passim*.
- Michigan *Herald*: has steamboat record, 101.
- Michigan *History Magazine*: article in, cited, 50, 266.
- Michigan Pioneer and Historical Society *Collections*: cited, 105.
- Michigan Salvage and Wrecking Co.: raises *St. Magnus*, 48.
- Michipicoten*, steamer: burned, 118.
- Mid-America*: article in, cited, 50.
- Mid-America Exposition*, by John A. Crawford: 117-118.
- Middle Bass Island: sold, 173.
- Midland, Ont.: lumbering in, 11; sawmill built at, 11; sawmills in and near, 12; shipping center, 12; Midland Railway extended to, 12.
- Midland Railway: extends to Midland, Ont., 12.
- Miles, Capt. George: buys *Lawrence*, 123; sells interest, 123.
- Milverton*, freighter: collides with *Translake*, 258; illustration of burning of, 233.
- Milwaukee*, steamer: launched, 113; size, 113.
- Milwaukee, Wis.: beer from, 59; view of mooring basin and harbor area, 32.
- Milwaukee *Advertiser*: cited, 255.
- Milwaukee Company: shipyards, 66.
- Mineral City*, propeller: data concerning, 225; use, 229; in difficulty, 229; races dredge tug, 229.
- Minneapolis, Minn.: flour mills at, 59.
- Minnesota: water boundaries established, 256.
- Minnesota *History*: article in, cited, 50, 121, 266.
- Misery Bay: boats sunk in, 122.
- Mohawk*, schooner: carries limestone, 153; launched, 153.
- Mohawk Navigation Co.: 135; buys freighter, 44; owns *Alfred Krupp*, 134.
- Molly Spencer*, tug: aids launching, 158.
- Money, Iron: when and where used, 193-194; illustration, 161.
- Monroe, James: proclaims disarmament on Gt. Lakes, 204.
- Montreal: harbor, illus. of, 162.
- Moore, Anna S.: compiles early data, 42-43; article by, 101-105.
- Moore, Nathaniel Fish: book by, reviewed, 125-126.
- Moore, Winthrop P.: book by, reviewed, 126.
- Morgan, Arthur E.: article by, 8-10; occupation, 51.
- Morning Post*: statement in, 111.
- Morning Star*, steamer: data concerning, 224.
- Moses Cleveland's boat*, by Mrs. H. D. Piercy: 46-47.
- Motorboats, their care and handling*, by W. P. Moore: reviewed, 126.
- Mott, Angelique: story of, 17-20.
- Mott, Charlie: story of, 17-20.
- Mott Island: dedication services held on, 17; the Motts forced to spend winter on, 17.
- Mount Clemens, Mich.: first settlement, 145; named, 146; boats built at, 226; curious discovery of healing waters of, 227; becomes health resort, 228; Salt Co. formed, 227.
- Muller, —: first lightkeeper at Gibraltar Point, 248; story of murder of, 249-250.
- Murphy, Rowley: articles by, 150-154, 248-253; supplies illustration, 239.
- Museums: Huronia House, 262.
- Musham, H. A.: contributor, 122; gathers *Marine Intelligence*, 42, 113, 185, 254-256.
- Muskegon*, car-ferry: formerly *Shenango II*, 63.
- Muskingum Conservancy District: financing of, 9-10.
- Mysterious Sea*, by F. C. Lane: reviewed, 198-199.
- Mystic Isle*, motorship: resumes Lake Erie island service, 187; size, 187; capacity, 187.
- Nash*, tug: downed Nazi plane, 44; name in war, 45; use in war, 45.
- Nassau*, schooner: in tow, 16.
- National Mining Co.: miners for, lost, 141.
- Naujoks, Herbert H.: speaks at annual meeting, 262.
- Navigation: early on Clinton River, 145, 146; freedom of on Great Lakes, 205-207; opening of, in 1946, 186; in 1947, 186.
- Neff, Charles H.: buys *Ossipee*, 44.
- Neff, Harold H.: buys *Ossipee*, 44.
- Neff, Norbert: article by, 145-149, 224-232.
- Nellie*, schooner: data concerning, 226.
- Nelson, Robert: calls attention of government to iron money, 193.
- Neptune*, ship: convicts on, 109.
- Neutson, Kneut: supplies information, 17.
- New Baltimore, Mich.: boats built at, 224-225.
- New South Wales: transportation to, ceases, 109.
- New York *Tribune*: in favor of waterway improvements, 220; recounts Greeley's visits west, 137-142, *passim*.
- Niagara*, tug: rescues *Bridgewater*, 22.
- Niagara-on-the-Lake: early capital of Upper Canada, 150.
- Niagara River: 74; Wickwire Plant on, 77; strong current, 206-207.
- Nicholson Transit Co.: buys *Mataafa*, 43; owns *James Watt*, 134.
- Niles National Register*: quoted, 185, 255.
- Nims, O. L.: buys *George G. Cooper*, 67.
- Norfolk*: length, 115.
- Norisle*, steamer: to replace *Caribou*, 118; illustration, 89.
- North Amer. Yacht Racing Union: I. L. Y. A. member of, 245.



North West Company: *Caledonia* built for, 74.

Northern Railway: extension, 11; to Penetanguishene, 12.

Northern Transportation Co.: steamers of, burned wood for fuel, 209.

*Northwest*: illustration, 164.

*Northwest Ohio Quarterly*: article in, listed, 121, 196.

Northwest Territory: book containing history of, 55-56.

Northwestern River and Harbor Convention: Greeley's interest in, 218; reasons for holding, 220; many important persons attend, 220; summary of, 223.

*Norwalk*, steamer: data concerning, 226.

Nottawasaga Bay: log-rafts on, 11.

Nottingham, E. W.: joint owner of *Success*, 111.

*Ocean*, schooner: data concerning, 225.

Ogdensburg, N. Y.: location of, 209; *Oneida* repaired at, 97.

O'Grady, Judge James: frees counterfeiter, 194.

Ohio Bell Telephone Co.: places phones aboard tugs, 257.

Ohio conservancy law: 9; workings of, 9; benefits, 9; desirable extensions, 9.

Ohio State *Archaeological and Historical Quarterly*, cited, 50, 196.

Ojibway Indians: encampment, 263.

Olen, Walter A.: speaks at annual meeting, 262.

Oliver, Henry W.: forestalled by Rockefeller, 135.

*Oliver Culver*, schooner; built for Hosea Rogers, 37, 158; launched, 37; size, 37; cost, 38; lost, 38.

*Oliver Newberry*, steamer: carries party to launching, 113.

*On Manitoulin Island*, by W. J. Baker, Sr.: 211-217.

*Oneida*, propeller: when and where built, 97; boiler condemned, 97; chartered by Detroit and Milwaukee R. R., 97; run, 97; cargo, 98; frozen in on Lake Michigan, 98-99; *City of Ludington* leaves supplies for, 98; reaches Grand Haven, 99; again caught in ice, 100; escape, 100; towed by harbor tugs, 100; George Waterbury chief engineer on, 122.

*Onondaga*, schooner: Mrs. Simcoe refers to, 250.

*Ontario*, steamer: sinks *City of Ogdensburg*, 37.

*Ontario Free Press Herald*: cited, 15, footnote.

Ontario Historical Society: helps to save oldest Toronto house, 249.

Ord, Elizabeth R.: book review by, 55-56; occupation, 51.

*Oregon*, propeller: runs in opposition to *Empire*, 138; Greeley arrives in Chicago on, 221.

*Origin of Put-in-Bay*, by Mrs. Grant Rideout, 195-196.

*Original Steel Products Fleet*, by R. D. Bibby: 52.

Orr, George W.: captain of *Islander*, 176.

Osborn, Stellanova: article by, listed, 121.

Osborne, George R.: gives version of disaster, 144.

*Oseola*, steamer: commanded by Capt. G. L. Thompson, 60; first command of Capt. Dority, 63.

*Ossipee*, coast guard cutter: sold, 44.

*Oswego Palladium*: cited, 254.

*Ottawa*, snow: log book quoted, 195.

Owen Sound: Keenan Towing Co. at, 15.

O-Wis-Tan-Kitsi-Tac: annual Indian festival, 117.

Oyster Bay, N. Y.: *Nash* built at, 45.

Paine, Clarence S.: seeks information, 123.

Paine, Capt. L. E.: gives theory of disaster, 258.

Park, A. E.: work of, on *George G. Cooper*, 67.

Parks, National: Isle Royale, 17.

Palmer, Friend: recollection of *Argo*, 102, 103; work cited, 102.

Palmer, Thomas: endangers *Argo*, 103; catches foot in bucket of paddle wheel, 103.

Palmerston, Viscount: attends conference, 206.

Parsons, S. V.: has law suit, 155.

Parsons, Thomas: cuts timber for *Atwater*, 67; money paid to, 70; vessel named for, 157; occupation, 157; daughter christens boat, 157; presents colors, 157; christens *Polly M. Rogers*, 158; remarks, 158; names vessel, 159.

Parsons, Dr. Usher: receives gift, 123.

Patent: application for, by A. Lincoln, 261.

Paterson Steamships, Ltd.: purchases freighters, 43; boats originally belonging to, 114; owns *Portadoc*, 134; buys *Sagamore*, 257.

Patterson, Walter: dispatcher, 192.

Pearson, Jack: first mate on *Leahfield*, 143; anxiety re captain, 144.

Pease, William T.: captain of *Pioneer*, 42.

*Penetang*, tug: owned by Firstbrook Box Co., 13, 16.

Penetanguishene, Ont.: location, 12; Northern Railway extended to, 12; incorporated, 12; industries in 1907, 12; lumbering in, 11.

Penetanguishene *Herald*: quoted, 13, 14.

Penfield, Daniel: notes given to, 173.

Penfield, Henry F.: holds mortgage, 173.

*Pere Marquette*, car-ferry: first steel, 63.

*Pere Marquette 3*: strikes sand bar, 59; wrecked, 62-65; passenger list, 62-63; list of officers, 63; released, 65; reconditioned, 65; cost, 65; illustration, 96.

*Pere Marquette 16*: strikes sand bar, 59; freight carried, 59; in storm, 60; sunk, 61; crew rescued, 62; amount of insurance carried, 62; salvaged, 62; reconditioned, 62; cost, 62; illustration, 96.

- Pere Marquette Lake: channel from Lake Michigan lacks protection, 59.
- Pere Marquette Steamship Co.: officials see stranded ferry, 61; second vessel wrecked, 62-65.
- Permissive Conservancy Legislation for Beach Erosion Control*, by A. E. Morgan: 8-10.
- Perry, Oliver Hazard: 113; in war, 75; Put-in-Bay not named by, 195.
- Perry and Lea: innovation in engines, 97.
- Petersen, Roy E.: supplies illustration, 26.
- Phantom*, yacht: in regatta, 244.
- Philip Minch*, propeller: in collision, 134.
- Phillips, Alexander: buys *Success*, 106, 111; refits her as convict transport, 106; takes her to England, 106; sells, 106.
- Pickands, Mather & Co.: owns *Sagamore*, 257.
- Piercy, Mrs. Harry D.: article by, 46-47; hobby, 51.
- Pigs: exterminate rattlesnakes, 87, 88.
- Pikington, Robert: indicates Hope Cove on map, 195.
- Pillsbury*, propeller: sold and renamed, 134.
- Pioneer*, steamer: described, 42; speed, 42; run, 42.
- Pirates: reported attack on *Success*, 108.
- Pittsburgh Steamship Co.: Oliver helps form, 135; 56 Rockefeller boats become part of fleet of, 136; ships belonging to, 135; sells barges, 135; number owned formerly, 135; sells *Douglass Houghton*, 135; sells *Mataafa*, 43; owns *Samuel F. B. Morse*, 134; traded *Robert Fulton*, 134.
- Polk, James: extract from message, 219; obstructs rivers and lakes improvements, 139; vetoes River and Harbor Appropriations Bill, 218; reasons, 219.
- Polly M. Rogers*, schooner: 155; when and where built, 158; christening described, 158-159; named for, 159; request for purchase, 159; sold, 159; converted to coal barge, 159.
- Pomeroy, Lawrence: chairman of Picture Com., 119, 189, 190, 262; receives gift for G. L. H. S., 51.
- Pontiac: Tucker learns of conspiracy of, 146.
- Porcupine*, schooner: fate, 122.
- Port Arthur, Ont.: becomes chief iron ore exporting post, 257; also *passim*.
- Port Dalhousie, Ont.: *St. Magnus* towed to, 48.
- Port Huron *Daily Times*: quoted, 160.
- Port Huron-Mackinac Island yacht races: 181.
- Port Huron *Weekly Times*: quoted, 159-160.
- Portadoc* (formerly *George H. Corliss*), propeller: 134.
- Porter*, schooner: in collision, 123.
- Porter, Capt. Moses: raises first U. S. flag over Fort Lernoult, 4.
- Porteus, John: quoted, 85; works cited, 85, footnote.
- Post-war Yachting*, by Maurice Griffiths: 55.
- Potatoes: selling price of, 39.
- Powell, Clarence Alva: poem by, 210; occupation, 226; varied interests, 266.
- Powell Stackhouse*, steamer: carries last ore cargo of season, 45.
- President Adams*, brig: launched, 7; cost of launching, 7; maiden voyage, 7.
- Presque Isle: boats stop at, 4, 5.
- Pringle Barge Line: buys *Sagamore*, 257.
- Prison Hulk Success Co., Ltd.: 111.
- Proctor, Gen. —: letter quoted, 196.
- Procter, Col. Henry: 74.
- Providence* (formerly Barge 117): 136.
- Provost and Newkirk: make sails for *Tarry Not*, 41; furnish rigging for *George G. Cooper*, 67; money paid to, 70.
- Puritan*, yacht: purchased, 245.
- Put-in-Bay: origin of name not known, 195; proof, 195; tradition, 195; in 1811, 177; sold, 173; illustration of regatta, 235.
- Quaife, Milo M.: article by, cited, 73; reports cost of operating *Adams*, 7.
- Quellette, Capt. Joseph: commands *Schoolcraft*, 14.
- Queen Charlotte*, brig: fate, 113, 122-123.
- Queen City*, schooner: grounded, 21; tugs rescue, 22; cargo loss, 22; crew, 22.
- Questions and Answers*: 122-123, 270.
- R. McDonald*, steamer: data concerning, 224.
- R. A. Seymour* (formerly *Lewis Gilbert*), steamer: data concerning, 224.
- R. E. Doville*, sand-boat: used as tow-barge 232.
- Races: Steamboat, 185; Port Huron-Mackinac Island yacht, 181.
- Racine* (formerly *Argo*): sold, 193.
- Racine, Wis.: air view of harbor, 26.
- Raccoons: numerous on Lake Erie Islands, 87; Indian belief concerning, 87.
- Radar: navigation aid, 44; boats equipped with, 44; potentials of, 114; type recommended for Great Lakes usage, 187; to reduce shipping losses, 187.
- Radio, urban mobile: first on steamer, 256.
- Radio News*: article in, cited, 266.
- Radisson, Peter Esprit: uses site of Fort William as headquarters, 263.
- Rafts, log: size, 12-13; lost, 13; recovered 13; necessary to divide, 14; preparation of, 14-15.
- Ramisch, Marjorie V.: review by, 268-269.
- Randall, Clarence B.: trustee of G. L. H. S., 51.
- Rattlesnakes: numerous in Lake Erie Islands, 83, 84; curious Indian beliefs concerning, 87; pigs exterminate, 87, 88.
- Red Bird*, scow-schooner: data concerning, 225.
- Regattas: at Put-in-Bay, 244-247; first at Put-in-Bay, 244; lapse, 245; renewed, 245; more inclusive, 246; course, 246; divisions, 246; dates selected for, 246; details of management, 247; arrangements, 247.
- Reginald*, tug: tows raft of logs, 12.



- Rehor, Camille: book review by, 199, 269; occupation, 200, 266.
- Reid, Capt. James: appointed wreck-master, 62; summoned for second wreck, 65.
- Rene (formerly *Racine*), tug: in World War I, 193.
- Rhoda Emily*, propeller: commanded by Capt. G. L. Thompson, 60.
- Richardson, John: member of exploring party, 211; helps beach lifeguard boat, 214; portrait, 239.
- Rideout, Mrs. Grant: letter, 48-49; article by, 195-196; T. H. Langlois replies to, 173-179.
- River and Harbor Appropriation Bill: amount requested, 218; use of appropriation, 218; Polk vetoes bill, 218.
- River Rouge: location, 3; shipyard on, 3-7, 71-76; center of French settlement, 3; early settlers, 3; new settlers on, 4; shipyard established at, 5.
- River Rouge Shipyard: ships built at, 71-72; other uses of, 72; suggested sale of, 75; offered to University of Michigan, 75; accepted, 75; land sold, 76.
- Rivera St. Jurjo, Joseph de: nationality, 49; buys Lake Erie islands, 177, 179; employees of, 179; Vroman, agent for, 177; records regatta in day-book, 244; quoted 244-245; signs deed for farm, 179.
- Rivers and Harbors Convention: when and where held, 137; importance of, 141; reasons for, 141.
- Riverside Shipyard, Duluth: sold, 45.
- Roanoke*, steamer: commanded by Capt. G. L. Thompson, 60.
- Robert Fulton, propeller: built for Rockefeller, 134; later history, 134.
- Robert J. Paisley, steamer: George Meno, chief engineer on, 121.
- Robert W. E. Bunsen: of Rockefeller fleet, 135.
- Robertson, John Ross: quoted, 151, 250; makes correction re Gibraltar Point, 252; aid acknowledged, 253; work cited, 151, 249.
- Rochester, Mich.: Daniel Webster visits, 35; sail-maker in, 35.
- Rochester, N. Y.: Durand-Eastman park, 68.
- Rochester *Daily Chronicle*: quoted, 158-159.
- Rochester *Daily Democrat*: gives date of launching, 35.
- Rochester *Union and Advertiser*: reports re *City of Ogdensburg*, 37; quoted, 38, 41, 156.
- Rockefeller, John D.: holdings, 131; enters lake shipping, 131; forms Bessemer fleet, 131; sells fleet, 131; quoted 131-133; work cited, 133, *footnote*; sells entire plant, 136.
- Rockefeller Fleet*, by Roger M. Jones: 131-136.
- Rockefeller Fleet: boats built for, 133-134; ships added, 134-136.
- Rocket*, propeller: speedy vessel, 256; races *El Tempo*, 256.
- Roebuck, Charles V.: displays ship models, 191; takes orders, 191.
- Roen, Capt. John: salvages *Sparta*, 123.
- Rogers, Diodat: brother of Hosea, 33; boats built or owned by, 33-34; builds *Daniel Webster*, 35; builds *E. C. Williams*, 35.
- Rogers, Ezra: brother of Hosea, 33; boats built or owned by, 33-34.
- Rogers, Jr., Ezra: first captain of *Oliver Culver*, 37.
- Rogers, Hosea: early career, 33; experience aboard *John Grant*, 34; begins boat building, 35; boats built by, 35-41; letter to nephew, 38; letter to wife, 39-40; awards contracts, 66; boats built for, 66-68, 155-160; sells *George G. Cooper*, 67; cost record from account book of, 68-70; most valuable boat, 156; unable to attend launching, 156; receives recognition, 156; cheered, 159; letter to, quoted, 159; sells *Polly M. Rogers*, 159; farming, 160; death, 160; portrait, 30.
- Rogers, Mrs. Hosea: relates incident, 34.
- Root, Clarence J.: article by, 265; occupation, 266.
- Root, Donna L.: brief article by, 121; editorial note by, 21, 42, 77, 106, 113; elected managing editor of INLAND SEAS, 190; makes statement of ownership, 56, 128, 272; presents annual report of G. L. H. S., 189-190.
- Rosa*, schooner: data concerning, 225.
- Rosa Ann*, scow-schooner: data concerning, 225.
- Roscius*, brig: rams *Groton*, 22.
- Rose, William Ganson: chairman of nominating committee, 190.
- Rotarian*: article in, cited, 266.
- Route: for package freight shipping, 114-115; of log rafts, 12-13; from east to Detroit, 5.
- Rowlands, John J.: book by, reviewed, 268-269.
- Royal George*, gunboat: built by Joseph Dennis, 252.
- Royal Norwegian Air Force: in training, 249.
- Rush-Bagot Agreement: 75.
- Russ, Isaac: builds *Harriett* for Christian Clemens, 147; encounters difficulties in launching, 147-148.
- Ryan, J. C.: article by, listed, 121.
- S. B. Pomeroy*, barge: of T. B. L., 226.
- S. T. Atwater*, schooner: receipt for towing, 155; loses jibboom, 155; refitted as barge 156; wrecked, 156.
- Sagamore*, barge: brief account of, 257.
- St. Catherine*, scow-schooner: data concerning, 225.
- St. Clair*, steamer: Greeley boards, 141; data concerning, 225.
- St. Clair flats*: obstruction to navigation, 139; appropriation for improvement lost, 219.
- St. Denis, France: trade fairs at, 117.
- St. Joseph, Mich.: view of harbor, 240.

- St. Lawrence Steamships, Ltd.: sell freighters, 43.
- St. *Magnus*, steamer: cargo, 47; overturns, 48; sinks, 48; salvaged, 48; burns, 48; described, 48; illustration, 31.
- St. Mary's River: shallow at entrance, 139; Greeley deploras custom of shooting the falls, 140; ice in, 186; radar aid to navigation on, 44.
- St. *Stephen*, schooner: when and where built, 225.
- St. *Marie*, car-ferry: clears lanes, 186.
- Salem (formerly Barge 131): 136.
- Salt: discovered in Clinton River district, 227.
- Samuel F. B. *Morse*, propeller: length, 134; built for Rockefeller fleet, 134; replaces Sir *William Fairbairn*, 134; later owner-ship, 134.
- Samuel *Mather*, 1892, propeller: sold to Rockefeller, 135; name changed, 136; lost, 136.
- Samuel *Mitchell*, propeller: seeks refuge in Sand Beach, 260; cautions, 260.
- Samuel T. *Atwater*, schooner: keel laid for, 67; size, 68; cost, 68; name, 68.
- Samuel *Ward*, steamer: Greeley takes passage on, 139; cargo transferred, 139.
- Sanborn, Janet Coe: book review by, 198; occupation, 200.
- San *Diego*, barge: water-logged, 192.
- Sandusky, Ohio: illustration of port, 92.
- Sandusky Chamber of Commerce: photograph acknowledged, 92.
- Sargent, Winthrop: goes to Mackinac Island, 4.
- Sarnia, Ont.: view of harbor, 168.
- Sarnia Chamber of Commerce: supplies illustration, 168.
- Sault Ste. Marie Canal: recommended by Greeley, 140; need for, 140; ice jams locks, 186-187; suggestion for eliminating trouble, 187; canoe through locks, 256; free of tolls, 204.
- Saunders, —: boats built by, 224.
- Scadding, Dr. Henry: aid acknowledged, 253.
- Scammon, J. Y.: moves report be tabled, 222; withdraws motion, 222.
- Scarborough, ship: convicts on, 109.
- Schenectady boats: described, 46; when and where built, 47; used by Moses Cleaveland, 46-47; illustration of, 27.
- Schoolcraft, propeller: owner of, 13; uses of, 13-14; lost by fire, 14.
- Schultz, Christian: work cited, 47; describes Schenectady boats, 47.
- Scientific *American*: quoted, 185.
- Seofield, Neuman: money paid to, 70.
- Sea *Bird*, schooner: data concerning, 224.
- Sea serpents: reports of, 83.
- Seely, Ebenezer: sells mortgage deed, 174.
- Seemeyer, Jr., Theo G.: book by, reviewed, 125.
- Seibert, A.: on *Pere Marquette* 3, 63.
- Seneca County Probate Court *Records*: cited, 175.
- A *Seventeen Year Old Looks at the Lakes*, by Thomas A. Sykora: 77-82, 180-184.
- Severance, Frank H.: article by, cited, 122; quoted, 123.
- Seymour, E. W.: on *Pere Marquette* 3, 62; managing owner of steamship line, 63; first to risk rescue, 64.
- Shenango I, car-ferry: first of Lake Erie, 63.
- Shenango II (later *Muskegon*), car-ferry: first of Lake Erie, 63.
- Sherry, James: sells land, 68.
- Shipbuilders: early in Michigan, 147; see also under names of builders.
- Shipbuilding: at River Rouge, 3-7, 71-76; along Clinton River, 224-232; impetus to, 227; for Rockefeller, 132-133; in small Michigan towns, 147; Mount Clemens health resort impetus to, 228; by Hosea Rogers, 33-41, 66-70.
- Shipping: see Commerce and Trade.
- Sidelights on the *Erie Isles*, by Thomas H. Langlois, 173-179.
- Sidney G. *Thomas*, barge: of Rockefeller fleet, 134; renamed, 134; present owner, 134.
- Sigler, Gov. Kim: establishes water boundaries, 256.
- Simcoe, Col. John Graves: moves capital of Upper Canada to Toronto, 150.
- Simcoe, Mrs. John Graves: quoted, 250, 251; views launching of *Mohawk*, 153.
- Singapore, schooner: 169.
- Sioux, freighter: sold to Paterson Steamships, 43.
- Sir *Henry Bessemer* (later *Wolverine*): built for Rockefeller, 133.
- Sir *Isaac Lothian Bell*, barge: of Rockefeller fleet, 134; renamed, 134; present owner, 134.
- Sir *Joseph Whitworth*, barge: purchased for Rockefeller fleet, 134; renamed, 134; scrapped, 134.
- Sir *Thomas Shaughnessy*, freighter: first through Soo in 1946, 186.
- Sir *William Fairbairn*, propeller: built for Rockefeller, 134; later owner, 134; length, 134; replaced, 134.
- Sir *William Siemens* (later *Frank E. Vigor*), propeller: 134; in collision, 134.
- Sirjamaki, John: article by, cited, 50.
- Sky rockets: used to propel boat, 255.
- Smith, A. B.: secretary-treasurer of Gt. Lakes Sec., Soc. of Naval Architects, 45.
- Smith, Col. James: quoted, 87; work cited, 87, footnote.
- Smith, Kenneth E.: supplies illus., 31.
- Smith, Leatham D.: drowned, 81.
- Smith, Leatham D., Shipbuilding Co.: brief history of, 115-116.
- Smith, Mrs. Leatham D.: liquidates Company, 115.
- Smith, Otto: long canoe trip, 256.
- Smith, Russel: joint owner of boat, 40;



- master of *H. S. Fairchild*, 40; value of share, 40.
- Smith, Villa B.: article by, cited, 50.
- Smith, Capt. W. H.: buys *Success*, 112; refits and brings to America, 112; displays *Success*, 112; profit, 112.
- Snake Stories of the Lake Erie Islands*, by P. W. McDermott, 83-88.
- Snider, C. H. J.: describes foundation of Gibraltar Point Lighthouse, 153; aid acknowledged, 253.
- Society of Naval Architects and Marine Engineers: organizes Great Lakes Section of, 45; membership, 45; meetings, 45.
- Some Notes on the Argo*, by Anna S. Moore: 101-105.
- Soo: see Sault Ste. Marie.
- Sorel Harbour Tugs, Ltd.: buys *Wahnapiatae*, 15.
- South American*, steamer: brings visitors to dedication, 17.
- South Dorset *Liberal Monthly*: reference to article regarding *Success*, 110.
- South Park* (formerly *Frank Rockefeller*), freighter: used as automobile carrier, 136; converted to tanker, 136; illustration, 164.
- Southern Folklore Quarterly*: cited, 196.
- Sparta*: information re requested, 123; salvaged, 123.
- Spencer, John C.: to draw up resolutions, 221.
- Spokane*, propeller: information re requested, 123.
- Spooner, William: dispatcher, 192.
- Sport*, tug: aids in salvaging, 62.
- Squaw Island: *Detroit* runs ashore at, 75.
- Stag Island: disaster near, 81.
- Stanbrook, E. C.: reads paper, 45.
- Stanley*, tug: replaces *Nash*, 45.
- Stanley, Col. Thomas: tug named for, 45; killed, 45.
- Star Class Racing Union: I. L. Y. A. member of, 245.
- Starlight*, schooner: where and when built, 225; data concerning, 224.
- Starr, Thomas J.: article by, listed, 121; writes about Lincoln as inventor, 260.
- Stateroom: of deckwatch described, 77.
- Steamship Hist. Soc. of Amer.: invited to meet with G. L. H. S. and Detroit Marine Hist. Soc., 190.
- Steel Chemist*, motor ship: of U. S. Steel Products Co., 52; winter use, 52; last of original four on Gt. Lakes, 52; illustration, 25.
- Steel Co. of Canada: scraps *Alaska*, 256.
- Steel Electrician*, motorship: owner, 52; where built, 52; winter sailing, 52; size, 52; sold, 52.
- Steel Motor*, motorship: where built, 52; on Gt. Lakes, 52; sold, 52; size, 52.
- Steel Trust Fleet: see Pittsburgh Steamship Co., 136.
- Steel Vendor*, motorship: owner, 52; where built, 52; winter sailings, 52; size, 52; foundered, 52; abandoned, 52.
- Steele, W. C.: local historian, 211; has piece of *Griffin* and bones of crew, 211; brings trophies, 212; gives souvenirs of *Griffin*, 212; identifies piece of *Griffin*, 217; gives certificate, 217.
- Steward, B.: master of *Success*, 108.
- Stimson, Henry L.: orders bridge razed, 257.
- Stones, lucky: described, 241; how formed, 242-243.
- Storms: Black Monday, 118; Black Friday, 136; on November, 1913, 143, 144; *Pere Marquette* 16 in, 60-61; on Great Lakes, 267-268; on Green Bay, 78; on Lake Erie, 261; on Lake Michigan, 259; on Lake Superior, 259.
- Strange Fate of Sister Ships*, by W. O. Stubig: 259-260.
- Stromness Island: *Argo* refuels at, 103.
- Strong, Col. David: on *Adams* on maiden voyage, 7.
- Stubig, W. O.: article by, 259-260.
- Sturgeon Bay: L. D. Smith drowned in, 81.
- Submarines: assigned for training, 258.
- Success*, gun boat: chartered by British government, 108; wrecked, 108; salvaged, 108.
- Success*, ship: letter concerning, 106; story of, 106-112; sold, 106; refitted as convict transport, 106; taken to England, 106; re-sold, 106; displayed in U. S., 107; advertisement, 107; untruths, 107; history investigated, 107; results of investigation, 107-112; misinformation, 107; described, 108; number by that name, 108; confusion on account of name, 108; carries convicts, 108; runs, 1852-1895, 109; refutes use as convict ship, 110; record and voyages, 110-112; illustrations, 90, 91.
- Sullivan, D.: lighthouse keeper, 213; familiar with *Griffin* wreck, 213; identifies piece of *Griffin*, 216; gives certificate, 216; tells of other relics, 216.
- Sultana*, steamer: races, 184.
- Sumac*, tender: no longer in service, 169; replaces earlier tender, 171.
- Sunshine*, scow-schooner: data concerning, 224.
- Superior*, steamer: on rocks, 177.
- Superstitions: of seamen, 119, 229; whistling during storm, 78.
- Surprise*, convict ship: purposely confused with *Success*, 109.
- Surprise*, sloop: built at River Rouge, 6; specifications, 6; cost, 6; offered for sale, 6.
- Svensdahl, Knut: captain of *John Roen IV*, 188.
- Swan*, schooner: leased, 4.
- Swederope* (formerly *Sidney G. Thomas*), barge: present owner, 134.
- Sweepstakes*, tug: tries to rescue *George J. Whitney*, 157.
- Sydney Harbour: *Success* sinks in, 111.

- Sykora, Thomas Andrew: article by, 77-82, 180-184; occupation, 122.
- Sylvester, Sam: finds Michael Taeff, 61.
- T. W. Snook*, steamer: data concerning, 224.
- Tackaberry, Capt. Dick: relinquishes post, 119.
- Taeff, Michael: burned to death, 61.
- Tarry Not*, schooner: built for Hosea Rogers, 41, 158; record trip, Chicago to Rochester, 41; size, 41; cost of sails, 41; under command of Capt. W. C. Harry, 67; fate, 41.
- Tax: on iron money, 194.
- Taylor, Capt. William J.: commander *Aspen*, 169; birth, 169; early training, 169; extensive service, 169; enters lighthouse service, 170; on tenders, 170-171; retires, 171; hobby, 171; supplies illustration, 167; portrait, 166.
- Tenders: place buoys, 170; duties, 170-171.
- Terranought*: see *Tarry Not*.
- Tessler, fishing tug: discovers plight of *Atlanta*, 49; goes to the rescue, 49.
- Thayer, Gordon W.: book reviews by, 125, 126, 127, 197-198, 199, 199-200, 268.
- Thelma*, yacht: purchased, 245.
- This great and wide Sea*, by R. E. Coker: reviewed, 269.
- This is Ontario*, by Katherine Hale: reviewed, 126-127.
- Thomas D. Stimson*, steamer: data concerning, 224.
- Thomas Parsons*, schooner: launched, 157; described, 157; repaired, 158; class, 158; new owner, 158; sunk, 158; illustration, 28.
- Thomas Wilson*, propeller: sold to Rockefeller, 135; disaster, 136.
- Thompson, George L.: Capt. of *Pere Marquette* 16, 60; former commands, 60; heads into storm, 60; leaves ship, 62.
- Thompson, John: helps build Gibraltar Point Lighthouse, 153.
- Thunder Bay: sawmill at, 14; poem on, 76.
- Thwaites, R. G.: work cited, 46, *footnote*, 47, *footnote*; describes Schenectady boats, 46.
- Time*: article in, cited, 266.
- Titanic*: size, 264.
- Toledo, O.: G. L. H. S. holds annual meeting at, 262.
- Toledo and Lake Erie Boating and Fishing Assoc.: formed, 245; incorporated, 245.
- Toledo Blade*: photograph acknowledged, 91.
- Toledo, Lorain, & Fairport Docks Co.: operates new coal dumper, 258.
- Toll tax: for lighthouses, 151; not collected on Gt. Lakes, 203-204; none on Soo canal, 204.
- Tolpiddle Martyrs: reference to, 109, 110.
- Tomlin, Capt. Ward: in charge of *Ethel*, 232; drowned, 232.
- Tonawanda Barge Line: Capt. Dulac heads, 226; boats owned by, 226; cargo carried, 226.
- Topsy*, tug: owner, 13, 16.
- Toronto*, schooner: built by Joseph Dennis, 252; use by gov't., 252; wrecked, 253; scrapped, 256; illustration, 233.
- Toronto, Ont.: population, 16; fails to preserve the old, 150; early capital moved to, 150; renamed "York," 150; stimulates trade, 150; harbor, 151; site chosen for lighthouse, 152; fair at, 117; illustration of harbor, 93; also *passim*.
- Toronto *Evening Telegram*: excerpts from, 118-119.
- Toronto Harbour Commissioners: photograph acknowledged, 93.
- Tracy*, schooner: launched, 71; name, 71; under command of Lt. Brevoort, 71; Peter Curry, capt. of, 72; sold, 72; wrecked, 72.
- Tracy, Senator Uriah: ship named for, 71.
- Trade: see Commerce and Trade.
- Tragedy of Mott Island*, by Dennis G. Cooper: 17-20.
- Tragedy of the Seas*: extract from, 261-262.
- Transfer*, barge: of T. B. L., 226.
- Transit Tankers & Terminals, Ltd.: operates *Translake*, 258.
- Translake*, tanker: collides with *Milverton*, 258.
- Transportation: plans for boat between Chicago and Buffalo, 255; need of boat between Milwaukee and Chicago, 255; to Australia, 109; propelled by means of sky rockets, 255; also *passim*.
- Travel: discomforts of early, on Gt. Lakes, 137; in 1847, 137; abuses of "Combinations," 138.
- Travel*: cited, 196.
- Treaties: affecting Gt. Lakes commerce and navigation, 203-207; of Ghent, 75; terms of, 204-205; navigation, 205-206; of 1842, 206; of 1872, 207; of Paris, 4.
- Trevorrow, Frank W.: gift to G. L. H. S., 51.
- Trip from New York to the Falls of St. Anthony in 1845*, by N. F. Moore: reviewed, 125-126.
- Trout, E. G.: furnishes information, 97.
- Trowbridge, Ben: circulates counterfeit money, 194.
- Tucker, Capt. Albert: *Lily* built for, 231; helps form "Old Timers," 231.
- Tucker, John: helps form "Old Timers," 231.
- Tucker, William: 232; kidnapped by Indians, 145; marries, 145; receives tract of land, 145; warns Gen. Gladwin of Pontiac's conspiracy, 146.
- Turkey Trial: 118; some of boats of, 118.
- Turner Lumber Co.: build mill, 12.
- Tuton, Bill: mate on *Wahnipitae*, 14.
- Twin standings at Ludington*, by Thomas B. Dancy: 59-65.
- Tyler, John: favors internal improvements, 218.
- Tyler, Polly: articles by, 32-41, 66-70, 155-160; supplies illustrations, 28, 29; occupation, 51.
- Uncle Sam*, steamer: described, 43.
- Underhill, Jane: wedding gift, 120.



- Union*, propeller: formerly *City of Ogdensburg*, 37.
- Union*, scow-schooner: data concerning, 224.
- Union Grays*: fire salute at boat launching, 40.
- Union Steamboat Co.*: own *Canisteo*, 23.
- United States*: international law concerning waterways, 203.
- United States*, by George A. Vargo: 120-121.
- United States*, steamer: where and for whom built, 120; sold to Col. Green, 120; transformed into yacht, 121; sold to Canadians, 121; burned, 121; size, 121; rebuilt, 121; name changed, 121; illustration, 94.
- United States-Canadian Treaties affecting Gt. Lakes Commerce and Navigation*, by G. R. Johnson: 203-207.
- United States Marine Commission*: sells freighter, 43.
- U. S. Merchant Marine*: cadet corp. assigned by, 256.
- U. S. Naval Training Reserve*: submarines assigned to, 258.
- United States Navy*: of upper Lakes, 71.
- United States-Ontario Navigation Co.*: 63.
- United States Coast Guard*: duties at regattas, 246; to make ice-breaking experiments, 257; thanked, 190.
- United States Shipyard on the River Rouge*, by F. Clever Bald: 3-7, 71-76.
- United States Steel Corporation*: buys Rockefeller fleet, 131; Oliver helps form, 135; Rockefeller sells plant to, 136.
- United States Steel Product Co.*: fleet of, 52.
- Upper Lakes and St. Lawrence Trans. Co.*: propellers owned by, 134, 135; buys barges, 135; owns barge, 137.
- Utica Sentinel*: editor relates incident, 149.
- Van Buren, Martin*: favors internal improvements, 218.
- Van Dore, Wade*: poem by, 76; occupation, 122.
- Van Every, James*: assistant lighthouse keeper, 212; accompanies exploring party, 213; identifies piece of *Griffin*, 216; gives certificate, 216.
- Vargo, George A.*: brief article by, 120-121; supplies illustrations, 94, 240; hobbies, 122.
- Victoria Harbour, Ont.*: lumbering in, 11.
- Virginia*, schooner: data concerning, 224.
- Vixseboxse, Bernard*: on *Picture Com.*, 119, 190; gift to G. L. H. S., 51.
- Voight, Edward W.*: presents silver service, 120.
- Voight, Willie*: on burning ship, 120.
- Vroman, Daniel*: quoted, 177-179; early life on island, 178.
- Vroman, Mrs. George*: supplies original deed, 179.
- Vroman, Philip*: reaches Put-in-Bay Island, 176; Edwards persuades, to remain on island, 178; enters employ of Edwards, 176; acts as agent for Rivera, 177; buys farm, 177; deed for farm, 179; date of purchase, 179; marriage, 48, 176; date of license to marry, 175; quoted, 176-177; death, 175.
- Vulcan*, tug: goes to assistance of *Marine City*, 120.
- W. F. Allen*, schooner: collides with *City of Ogdensburg*, 37.
- W. H. Gilcher*, propeller: lost, 259.
- W. H. Meyer*, tug: moored to *Pere Marquette* 3, 65; aids in salvaging, 62.
- Wages*: for soldiers, 4; for workmen, 5; of cadet midshipmen, 256; on shipboard, 36, 37; of deckwatch today, 184.
- Wahnapiatae*, tug: tows raft, 13; best known, 14; where and by whom built, 14; crew, 14; size, 14; uses of, 14; rebuilt, 14; sold, 15; resold, 15; rebuilt and sold again, 15; name changed, 15; final resting place, 15, footnote; illustration, 29.
- Wakefield, George P.*: question answered, 122-123.
- Walkinshaw, Capt. E.*: loses life in Lake Superior, 188.
- Wallandoc*, steamer: sold, 114.
- Walsh, Richard J.*: article by, listed, 121.
- War of 1812*: 3, 73-75, 83, 87; Lake Erie islands, 177; ends sheep raising project, 174; resulting relations between U. S. and Canada, 204.
- War Shipping Administration*: trades boats, 136; secures *Robert Fulton*, 134.
- Ward, Mrs. Ruth Heiss*: book reviews by, 198-199, 269; occupation, 200, 266.
- Warrington*, tender: first on Gt. Lakes, 171.
- Washburn*, propeller: sold and renamed, 134.
- Waterbury, George*: articles by, 97-100, 207-210; gifts to G. L. H. S., 264; occupation, 122; whittles models, 237.
- Waterloo*, schooner: data concerning, 225.
- Waubashene, Ont.*: lumbering in, 11.
- Waugoshance, Mich.*: lighthouse at, 21; data from, 21-24.
- Wave*, schooner: data concerning, 225.
- Weazell*, sloop: leased, 4.
- Webster, Daniel*: visits Rochester, 35; favors improvements, 223.
- Welland Canal*: builder of, 33; first schooner through, 33; boat trimmed to pass through, 38; free of tolls, 204; receipt for towing through, 155; size of boats allowed through, 208.
- Wells, Capt. W. P.*: takes command of *Samuel T. Atwater*, 68.
- Wentworth, John*: favors bill for waterway improvements, 220.
- West, Capt. B. E.*: in charge of dredge tug, 229; helps free *Lozen*, 229; races Capt. Dulac, 229.
- Western Penn. Hist. Mag.*: cited, 196, 266.
- Western Reserve*, propeller: founders, 124, 259.
- Western Reserve University*: reports on bones found on Manitoulin Island, 217.

- Western Transportation Co.: boats described, 97.
- Western World*: collides with *E. C. Williams*, 36.
- Whigs: oppose Democratic stand on appropriations, 219.
- Whistler, Capt. John: made commandant of fort, 72; builds Fort Dearborn, 72.
- White, Charles: work cited, 109.
- Whitefish Bay: 81; boats tie up in, 80; ice in, 186.
- Whitefish Point: needs lighthouse, 141.
- Whitney, George J.: schooner named for, 156; business, 156; presents colors, 156.
- Wicks, Capt. Leeds: in command of *W. H. Gilcher*, 259.
- Wilcox, Frank N.: work cited, 46.
- Wiles, Kid: helps promote regatta, 244; superior racing skill, 245.
- Wilkins, Jr., Gen. John: orders govt. boat, 5; writes to M. Ernest, 5.
- Wilkinson, Gen. James: recommends larger govt. ship, 4-5.
- William B. Ogden*, barge: of T. B. L., 226.
- William G. Clyde*, steamer: rescues two of *Vendor's* crew, 52.
- William G. Mather*: equipped with radar, 44.
- William J. Connelly*, freighter: sold, 186.
- William LeBaron Jenney*, propeller: built for Rockefeller, 134; new name and owner, 134.
- William Metcalfe*: convicts transported on, 110.
- Wm. Randolph*, steamer: data concerning, 224.
- Williams, E. B.: chairman of Great Lakes Section of Soc. of Naval Architects, 45.
- Williams, Edward C.: sail-maker for Hosea Rogers, 35; rigs *Joseph Cochrane*, 39.
- Williams, Capt. John: in command of *Adams*, 71.
- Williams, Mentor L.: articles by, 137-142, 218-223; occupation, 266.
- Williams, W. R.: articles by, 11-16, 143-144; contributes to Georgian Bay newspapers, 51.
- Wilson, Clifford P.: article by, cited, 50.
- Wilson Transit Co.: *Sagamore* built for, 257.
- Winslow*, tug: tries to rescue *Canisteo*, 24.
- Winter Sailing aboard the Oneida*, by George Waterbury: 97-100.
- Wisconsin*, propeller: searches for *Oneida*, 99; sacrifices cargo, 99; described, 99.
- Wisconsin*, steamer: grounded, 139.
- Wisconsin: water boundaries established, 256.
- Wisconsin Mag. of Hist.*: article in, cited: 50.
- Wohleb, Karl: raises *Erie*, 114.
- Wolverine* (originally *Sir Henry Bessemer*): 134.
- Wood: amount consumed on boats, 185; used as fuel on Gt. Lakes, 208-210; used in building steamers, 209; used for docks, 209; stolen, 209; where supplied, 209.
- Wood, a manual*: reviewed, 199.
- Wood Burners*, by G. A. Waterbury, 208-210.
- Woodward, Augustus B.: work of relief, 72.
- World War II: *Edgewater* in, 187; hinders shipping on Clinton River, 232.
- Wrecks: *Canisteo*, 23-24; *Griffin*, 211-217; *Henry Cort*, 134; *Hope*, 195; *Michigan*, 99; *Pere Marquette* 3, 63-65; *Pere Marquette* 16, 61; *Spokane*, 123; *S. T. Atwater*, 156; *Success*, 108; *Tarry Not*, 41; *Tracy*, 72; see also Disasters.
- Wright, Silas: stand concerning waterway improvements, 223.
- Wrong Argo*, by Louis Baus, 192-193.
- Wyandotte, Mich.: boats built at, 99.
- Yacht races: Port Huron-Mackinac Island, 181.
- Yacht Racing Union: I. L. Y. A. member of, 245.
- Yates, C. H.: supplies illus., 164.
- York Pioneers: helps to save oldest Toronto house, 249.
- York State*, tug: aids in salvaging, 62.
- Yosemite*, freighter: condition of, 184.
- Your new Boat*: reviewed, 127, 269.
- Zeisberger, David: gives reason for name Hope Cove, 195.



## SHIPS HAVING COMPOUND NAMES

List of ships having compound names arranged alphabetically by their last names.

<i>Adams, President</i>	<i>Fairbairn, Sir William</i>	<i>Minch, William</i>
<i>Allen, W. F.</i>	<i>Fairchild, H. S.</i>	<i>Mist, Flying</i>
<i>American, South</i>	<i>Fairless, Benjamin F.</i>	<i>Mitchell, Samuel</i>
<i>Amiot, Lillie</i>	<i>Ferbert, A. H.</i>	<i>Moon, Half</i>
<i>Ann, Jane and</i>	<i>Frantz, J. H.</i>	<i>Morse, Samuel F. B.</i>
<i>Ann, Rosa</i>	<i>Frantz, Joseph</i>	<i>Motor, Steel</i>
<i>Armstrong, Frank</i>	<i>Frantz, Joseph H.</i>	<i>Mount Clemens, City of</i>
<i>Atwater, Samuel T.</i>	<i>Ford, Benson</i>	
<i>Augustus, A. A.</i>	<i>Ford II, Henry</i>	<i>Nasmyth, James</i>
	<i>Fulton, Robert</i>	<i>Neilson, James B.</i>
		<i>Newberry, Oliver</i>
<i>Barnes, Julius</i>	<i>George, Royal</i>	
<i>Bartlett, E. B.</i>	<i>Gilbert, Lewis</i>	<i>Ogden, William B.</i>
<i>Bay, Green</i>	<i>Gilcher, W. H.</i>	<i>Ogdensburg, City of</i>
<i>Bell, Sir Isaac Lothian</i>	<i>Godfrey, Jeremiah</i>	<i>Olds, Irving S.</i>
<i>Bennett, James</i>	<i>Grant, John</i>	<i>Orr, Arthur</i>
<i>Berwind, E. J.</i>	<i>Gratiot, General</i>	
<i>Bessemer, Sir Henry</i>	<i>Gypsum, U. S.</i>	<i>Paisley, Robert J.</i>
<i>Bird, Red</i>		<i>Parsons, Thomas</i>
<i>Bird, Sea</i>	<i>Hackley, Charles H.</i>	<i>Pierce, D. C.</i>
<i>Black, Joseph</i>	<i>Hadley, George</i>	<i>Poe, General Orlando M.</i>
<i>Block, E. J.</i>	<i>Harrison, Benjamin</i>	<i>Pomeroy, S. B.</i>
<i>Borealis, Aurora</i>	<i>Hattie, Mary</i>	<i>Port Huron, City of</i>
<i>Boy, Handy</i>	<i>Hewitt, Fred J.</i>	<i>Proctor, Dan</i>
<i>Brady, General</i>	<i>Holley, Alexander</i>	<i>Power, Consumer</i>
<i>Brown, H. H.</i>	<i>Home, Harvest</i>	
<i>Buell, F. R.</i>	<i>Houghton, Douglass</i>	<i>Queen, Island</i>
<i>Buffalo, Greater</i>	<i>Hoyt, Colgate</i>	
<i>Bunsen, Robert W. E.</i>	<i>Humphrey, George M.</i>	<i>Racine, City of</i>
	<i>Hutchinson, John T.</i>	<i>Randolph, Wm.</i>
<i>Canfield, Frank</i>		<i>Reid, J. T.</i>
<i>Chapin, J. P.</i>	<i>Isle, Mystic</i>	<i>Reserve, Western</i>
<i>Charlotte, Queen</i>	<i>Jewett, H. J.</i>	<i>Robinson, Inaria R.</i>
<i>Chemical, Dow</i>	<i>Jenney, William LeBaron</i>	<i>Rochester, City of</i>
<i>Chemist, Steel</i>	<i>Johnson, George W.</i>	<i>Rockefeller, Frank</i>
<i>City, Mineral</i>		<i>Roebling, John A.</i>
<i>Clay, Henry</i>	<i>King, C. A.</i>	<i>Roen, Captain John</i>
<i>Cleveland, City of</i>	<i>Krupp, Alfred</i>	<i>Roen, John IV</i>
<i>Clyde, William G.</i>		<i>Rogers, Alida Jane</i>
<i>Cochrane, Joseph</i>	<i>Lake, Lady of the</i>	<i>Rogers, Polly M.</i>
<i>Colby, J. L.</i>	<i>Lozen, J. B.</i>	<i>Ruby, J. S.</i>
<i>Colgate, James B.</i>	<i>Ludington, City of</i>	<i>Russell, John Scott</i>
<i>Colwell, George W.</i>	<i>Lyon, Mary J.</i>	
<i>Cooper, George G.</i>		<i>Sam, Uncle</i>
<i>Corliss, George H.</i>	<i>Madison, James</i>	<i>Saunders, J. A.</i>
<i>Connelly, William J.</i>	<i>Magnus, St.</i>	<i>Schnoor, H. C.</i>
<i>Cort, Henry</i>	<i>Mann, John C.</i>	<i>Schwab, Charles</i>
<i>Crown, Red</i>	<i>Marquette, Flint &amp; Pere</i>	<i>Secord, Captain C. D.</i>
<i>Culver, Oliver</i>	<i>Marquette, Pere</i>	<i>Seymour, R. A.</i>
	<i>Marie, Ste.</i>	<i>Shaughnessy, Sir Thomas</i>
<i>Detroit, City of</i>	<i>Martin, John</i>	<i>Shadle, J. H.</i>
<i>Dixon, Hiram R.</i>	<i>Massel, F. U.</i>	<i>Siemens, Sir William</i>
<i>Dormer, Grace</i>	<i>Mather, Samuel</i>	<i>Smeaton, John</i>
<i>Doville, R. E.</i>	<i>Mather, William G.</i>	<i>Snook, T. W.</i>
	<i>McDonald, R.</i>	<i>Spencer, Molly</i>
<i>Eads, James B.</i>	<i>McDougall, Alexander</i>	<i>Stackhouse, Powell</i>
<i>Edsall, S. S.</i>	<i>Metcalfe, William</i>	<i>Star, Morning</i>
<i>Edwards, A. P.</i>	<i>Meyer, W. H.</i>	<i>State, Bay</i>
<i>Electrician, Steel</i>	<i>Minch, Philip</i>	<i>Stephenson, George</i>
<i>Ericsson, John</i>		<i>Stewart, A.</i>
<i>Estelle, Hattie A.</i>		

*Stimson, Thomas D.*  
*Street, Charles*

*Tate, Ben E.*

*Tempo, El*

*Thomas, Sidney G.*

*Thompson, A. D.*

*Thompson, D. P.*

*Torrent, Ida M.*

*Trade, Fair*

*Treavor, John T.*

*Van Hise, C. R.*

*Van Raalte, A. C.*

*Vendor, Steel*

*Vesta, Eugenia*

*View, Bay*

*Vigor, Frank E.*

*Ward, Samuel*

*Watt, James*

*Webster, Daniel*

*Weir, E. T.*

*Western, Great*

*Weston, A.*

*Whitaker, Byron*

*Whitney, George J.*

*Whitworth, Sir Joseph*

*Wilcox, M.*

*Williams, E. C.*

*Wilson, Annabel*

*Wilson, Thomas*

*Wing, J. T.*

*World, Western*





